



New Holley turboprop power control installed in Lockheed R7V-2

or 26,000 sounds of cores crosses turkine encore develop a total

extreme accounty in fact meter-West control escentists within satisfactory Breats, Through &

controlled by a new Heller and operating remarements. engages like the T-34 decayed and development to provide a high words, opposed moons of oued fast meterony devices have



Leader In The Dence, Development



as a modium? More resends are second by the smaller lines Kadde 4-D commission, for materior, delivers 4 clas of surcommenced to 2000 no et an level - we write redy 11% powerld. With reservoire, you can hadd up a blish proserve, back-horsespoure

other mets of the already much

Some viscosity of the nit used in manuscript explanation receives assentially the same over a broad temperature mass. (--657 to 1/2601) you always get fast, dependable power-delivery With apparenties, leakage is no serious problem. The sir sarrely is

leaks which might occur. And since the sig used in the centern We have at KIAAs have a complete lime of pre-constant system corresponds.



as well as faculties for expansionar complete pocumentic restores. If you have a problem in presentation please write us. Maller Maller & Commany Rev. 418 Male Street Ballerille S. H. L. . Water Both & Comman of County 114 Manhout ... Screet

NEED THESE BIG 12* SEATURES-OF-RESISTANCE" IN AIRCRAFT AND MICH ALTITUDE LEM TEMPERATURE SALT SPRAY ACCELE LATIO

call for the assistance of

Aviation Week APRIL 13, 1953

New York Standille W. (Clark St., Plane Schemer, 5 1990 Ohnin EQ 4-3655)

Robert W. Mortin, In. Rebert E. Hots

Alabora W. Street . . . Massarus Editor In-us Store Technical Berner Long West Coast Assistant G L Chiefun Responset, Manterson News Desk Kelvene Johnson - Common House Lebr. - Arigina Cartin C Coder Military C. I. McAllana: Washington New Desk

Curr Lenn Townert Levenor | Her) From 1 Bullet Summer Please Joseph E. Kelley Posting & Production DOMESTIC NEWS DUREAUS 533 Bholm Harrin Bldr. Houton 25

PORRICO NEWS SERVICE John Wilhelm Bown Asseste Editor - his H Xester

London Talantal W S Hall Son Facility Paris John O Coppert Tolor

[G Johnson Massper T. S. Chan, Proportion Manager W. V. Coulosts, Parallellan Manager Sales Assessmentations 1 C. Anthony New York, 11 P. Bolosse, Clevelend, D. Y. Banarea and 1 5 Cartello, Change and St. Large, E. P. Directord, Dr. Berton, Swiss. Call. Dalle, William D. Lanar, Ir., Adapts, T. Even Workell, See Processes, C. F. McRowolds and Codes Sees, Law Appeles, W. S. Sterrer, Philadelphos, C. A. Rossolelli,

balliant scatt to the Motors Will Politicing Courage, appro E. Molecus (2011) 1941. Francis. Except CONTROL OF THE PROPERTY OF THE Account the record of the control of The state of the s

PHILLIPS 66 SALUTES TRANS WORLD AIRLINES



as a tribute to TWA's great new

SUPER- CONSTELLATIONS These manufacest new Scorp-G Constella-

coast-to-coast non-stop flubra, in both deles, with their new Super-G Constallations. -large, powerful, legenous-were created by Lockbook especially for TWA, and were styled by Henry Dreyfuss, the world-farnous Wright's newest Turbo-compound entiries.

tions will provide the only sir sleeper service between New York and California existing resoline to Trees World Airlines. Phillips 66. TWA and other major air lines use reliable Phillips 65 averton products Operators know they can always depend on Philips 66 quality.

It's Performance That Counts



AVIATION PRODUCTS

Financial



PLUS ENGINEERING SERVICE

bear Legarges not sense or strongogy leaded of cost the country. You will find a staff of experienced soles requestes in your new. Cell for help strains problem of hell bearing selection or auditoritie. You'll not not service. PDSI

NOT SOMEON - WHERE IT GOODS WITH A BROWN, GAM

NEW DEPARTURE

BALL BEARINGS

Domestic
Atomic verbied on an anti-our gualed assists we exploid over Newton May 6 on the first test of this type.

So Comman Bio 6 in pattern of worker treat deposits and deven at 16,000 ft be on Newton American 1968 atomic Energy Commission and the Delinate Deposit and the Comman and the Delinate Deposit and the conductor and for conductor and for such as a few patterns of the Newton and N

Inhal fight of North American Amberth first problection Fil-Fars was used last week, for moreths after the problety-can flowe. The Nove extrahand fighter, powered by a Wright [6] turboyd, a capable of specifi in cases of 60 mg/s.

First delivery of Favabels Engine &

Tropy Center Wing at Audinous AFE
Gild. Fairblaid has an Are Force contact to hand more than 150 G124.

New York Superior Count instructed
the Force of New York Andrewers to
from from making further space offset
like a field feeled a lateratories of Amport
565-enthous terminal until a decease a
method on mattern field Ame 5. the

Pattarium Ashatian Corp. received a 519 will fee contract from Denglas Ascard Co for 200 ppl systemable field inche fint can be overlided an ach ascard as Novi's FPD1 and the AD series. The Los Angelos compressed manufactures also recover a \$25,0,000 contract from Lorchiced Astronet Corp. for species prices.

Time-U. S. pt merk of 15 m d man. 25 ms., and 5 m L Call Robert R. Sortil m = Republic F 80f - 3ph 1 man. Lin Augular to Non Yank Mai. 9, an monopower liv Mr. Nitsend Automated paged aread Sorti disposit over this 20 ms. of the persons official man cert m = North Automate TSH but the line of the persons official man term in North Automate TSH but term in North Automate TSH but term but mer and published the term but mer and published to Place of the Helmant Core. Mortan Flace of the Helmant Core. Mortan Place of the Helmant Core. Mortan Place of the Helmant Core. Mortan **The August Core of the **The August Core of the

of 5.5 costs Apr. 4 to 2,915 housely used stock, payable Apr. 25 to hildest of couplaint.

Convoir VTOL Flies on the Level
Convoir XFY1 Novy fights involving based and fight after a vertext should now

Control Art 1 regions of the VTOC place feating, vary and tall are freely with talks for articles studies. Added aristmentation is long listed and are reported with talks for articles studies. Added aristmentation is long listed on the expendincent fights or Control State Diographer. ATT-2 is powered by an About 1-4N 22VV Neptane anti-valuations pasted have been superficiently for the Articles and the last Warded Turbon. Intermediational

gar at seconff spleats and you needs
by the Societ andthirt second discounplan departs presence Walter Ultrachisecond followed for the Exchange in Rain
last German, rechale the Justicas plant
and the Mandad water know
of Bosson and the Handad water know
arms profession after June 1
arms profession after June 1

IN DOTA from Design Annual Confer and Confer

French Ale Peers produced for Beet Alexent Copy, increases at the Beet Alexent Copy, increases at the deep face of Beet of Beet facent Copy, increases at the Beet facent Copy, increases at th

Beech Alcord Cogs, Wickes, de fored a Novert dividend on common between Amount of the Cogs of the Cogs

2747900 MITT 444 II 1995



"This is the HSE CLAMP"

The Manageron MSE Clercy is associable desirent It is specifically recommended where total their ess super from 125" to 266". "HSE" stands for "Heavy Special England," spcalled because the heavy-duty sprage is completely enclosed for maximum safety. This etmore, temnered-steel appear clows materials tirtlely together. refer elements do the whore well described one for



The Aviation Week And to toco

Heading News

Cord Lord France ABS Aprobe for More Subcommodition...

West Court Entredon New Darlanton - 20

Acronautical Engineering Support Units Vital to Wanger System 50

the as the Merket St. Air Trensport CAR Ada Vislotte Prostres. Airports Get Set for Traffic Josep.

Faccins Long Separa Todde Up 133

Departments Nevy Continue Frankeiter Briefing What's New

AKIATION WEEK April 18, 1955

WHO'S WHERE INDUSTRY OBSERVER

In the Front Office

Commerce for Contract Code Contract G. K. Gaffin recorded to vary revialent

personnel of American Artists; Philip B. Keller, martine parties false Metin Goland, resource engineering the rictor at Midson Research Institute on Willer Tryler is now assured to the second-stad December Soul Georgie, December

Chances

Edward Resigns is new public relations of the College Develop of Budget terms resource Chales A Worses was decisio monago, W. A. Pelver, chef man alartuning registers: Robert F. Hert, chef tool oughness. W. G. Rober, chef propert pleaser and R. W. Barker, research of

Custome Van Astronen become seting

Honors and Elections Dr. Theodor Vos Kamun record ▶ Lockhood's X.7 fluor nort bed and the Managedt 20 m. successes record continuenc is generalized for descent with a rose opera to engage the ▶ Console XR-98 Heaties unrescueic delta wine baselier mes stantics, strell

basevough construction in about 15% of the order surface cachedrac gray of engine pods, ped streps, some underwing sress and inferiors. Companies ► Both-Revce 1.16, will mee its RB 100 the first test at aid pur as a complete. ongote during Acrel. The 4,800 cday RB-100 will be flight tested in in-

sets consecrable sewest of attention allow. Buse engine power will be honeted from alread \$8,000 lb. state threat to 25,000 lb. threat by a Masquardt Ribbweight afterbarner developed specially for the Super Chenda but early versions of the fielder will be nowared by Posts A. Wigtnes 1874.

P.Alham his logged more than 7,000 for of test stand among un its Vit terbogery excluding 13 standard USAF 130 to quidification may un-

* Corner F-H2 delta all-wrather intercenter will have an extransly loss

* Lockheed Agents's first production model of the C-130 technolog transport, which redted off the kine of Mintetta, Co., last sweetly, made an restrict test field but week, a sweath about of schedule

► Useful Air Lines has placed a \$1.5 million only, write Ratur Circo of America for substruc C-band storar norsing radar, following but conjects

Production of the CF-100 all-wather set falter will be cut as full at Ave Aircraft End., Toweste, following a socied levell of 1,000 waders The cuthods in production are intended to repaint the flow of seconds and maintain over condenserat cottl the new C-105 ort fahrer non into production. The levell is effective to four and the needschan earlight will occur in September. This will stretch out production of the CF 100 rottl 2958, when it is expected the C-165 will be as production. Proto-tree of C-205 is now bring built at the subschip Terrano salest. Of the £100 men had off in January about a third have been related on the



TITANIUM helps lift the C-130 higher and faster...with heavier payloads

Titanium is an essential material for high-per-skins-where certainning properties are needed sisted Air Force C-120 turbe-group medium weight ratio . . . recrectional resistance to carstrian . . . and freedom from stress corresson Lockhool uses REMCRII A.55 and A.10

REM-CRU, money in titarium allow for advanced surrest applications, has substantially expanded its facilities. New you can be now of the availability of the REM-CRU titarium And for help with application or fabrication resistents. REM-CRIDs environment staff is al-

REM-CRU TITANIUM

REM-CRU TITANIUM, INC., MIDLAND, PENNSYLVANIA

Washington Roundup

Mail Pata Plan

Office from the current state they have been read under

Fiot for NATO Fighter? setting is that Italy's Part factors at Term will set

ARDC: Round Two

cal, possibly baked to the strangle between ARDC and

N Redenant and A. E. Lambord, In., in addition to

Cox. Doubtfe and three USAF exhault

ATA Search Continues

Praise for Tolbott

cleared away."

Chose South, who thought Tubott was "a very human

New NACA Facility: Where?

Watch for her recreek from Marshad's recoveraged NACA weeks it streeted near the Lewis Flatte Pro-

MATS Report Response

-Washington staff

AVIATION WEEK

*As a condary to the third point

ANDR recommendations and process

Military Plane Fund

Release &R & Rillion

Defense Compromises in Tacan Dispute

Secret agreement with Commerce Dept. to head off Congress' investigations may set off new increase

randely the ANDB position was evolved. graved considerate of DME to each months of constant oil offices to me. . Land DME to four the fact selve the emi-politics differences over changed complement if this is found to a common vision of an envigation be femble

. Penalt parchases of subsect DME effect af necessar stone can be an accident on Tacay, alconomics of the courses system

Another Study Quality Probational Commissions for Ages. to study "charactery" requirements

for short distance navigation and yes-* Courresses Study-Courses has Doblan at one of coaffeit in the as-Congress to soldfithead confinent tra't

is not woulde for hops DASE and Toron The printing operational room in composed of 17 members and will now The reason has not held in fact many.

redion. The problemed balence, as of The commended believe of track for Redio Cosp., Fedoral Telephone and Rode, Harritan Brede, and Standard. uctied. The \$200 million difference

Red China Gets let Fuel

set Enhance Howards the Mode worker and budger sharments from Soraet satellites Four Communed tentors formerly were messag regularly from Corestmen, Ros-Agreeding to a United From report from Tayon, the China News delete an

Evaluation Proves Tacan Accuracy, ANDB Chief Tells Avionics Group

mon outcom DME and considerably

*The sygner Trees over data showed a No servers stallowne was observed at

▶ Declarification Stem-Declarification one elevation made with the Treat

aparations but resolved for United orient by the military that Tierre after may been been on the referen New Rocket Test Site

Wrape."
Trains combined that security out

erose in the error second over that of P Decured for Military- The bacterial messevers for stree five a VOK

AVIATION WIRE AND ILL 1919.

Twining Supports Army Program For Increased Military Airlift

By Katherine Jakseen Army Cloud of Staff Gen. Metthew corner substantially the substany sinkli-Indicator that as recrease in observed safet would have USAY support, whale

our alley to support there on the

placed under the Transa Admenistra-*The new Russian Type 19 medium The new Type 17 kee-speec Ressure

were the most ressous for our margin . CEAN's surface to air marake, the

the light of the present For East tenfor added, "is their expanding outers

Funds Outlook: USAF Stable, Navy Un-

sole 52.7 billion, but there was an workloaded conveyor from environ amounts. tors of more than 546 billion available. Diffeet and that now that the headed objection outloops will be appeared as order to owner that we worke in the future

 Obscrype that areal refusions is only a posted scower to real gadactace as

Air Defense

Mar 21, p 106 cambility of the Acres's New, is now P Retrieton-Churrons of the loan receive to our officered capabilities

Challenge Sen Seminetos, a leadure advocata

AEC Easing Industry Access to Atomic Data It now is possible to not what

Policy changes, declared by Charles G Mests, seting clief of the Indu-



T2V Uses Boundary Laver Control

Test mires A W Levier and Ros prested or from the TIV-I's Affairs

over the ways to have the skin surface . Range, Dimensions, The strengt of and deltas stall-rooker possible re-P. Engine, Automo-Provinces are

rate with a 1000 h. theyet and the Post. and Range is annowwested, 900 cm.

Berbank, Cold-Lockhood Accres: & Wheney 168 P.5 with 7,250 In

are blocountal stabilizer has been follows tests of a smaller statum on a state of the cose for faces: children on Community For Parthery of Septem cuttiput to Scott.

The POST best soluble first flow of Septem Cockeds-Novemberal sounds. ment in the TOV I such an india and

> company with 250 and reptoday that can Approximate dimensions of the

Bell Aircraft Reports Record Net Profit

Highest escange in the congress'

Pinnecki

360,241. This was puly duckth, lower S100 milion, compagn with \$110 mai-

with a value of about \$36 makes. At

Property and worth worker could. HELL YESS meants from verteal to believe to be not nother before present

ANATION WEEK, April 11, 1955

owners will be carried out under an Bora-Warner

Barr Wester Corp., Chicago, III.

CAA Forms Aviation

Safety Study Group

undestry or person person, including that they muck! find it admirable to

to the Indead government's artery per- * When is Responsible-legalitation of

terfary in the among field.

AMC Responsible for Management Methods in Weapons Manufacture

Manufacturar methods recent or . When conduction references is not

However, AMC is riven full sesson while for second to it that policies

AFR 75-25 mrs camefactoring meth-. Projects must avoid jobilities or dis-

. To reduce pair production code . If you show as on the RAD store in

OF A BOAC Endobs

USAF use of the project amplica highli-

CAB Seeks Economic Violation Penalties

lines have moreofally apposed such

USAF Assignments

Min Con Princk W Tunbefulc. Ma Gee Robert W. Barns, USAF Cen. Timberlike at APGC May Gos Jacob E. Scott, Denely

Bue Goe Harvy T Alson Chall local Stratone Pleas Committee.

Civil Uses Feature AHS Agenda

authors of the sadater, the californ services and related fields are expected



RCAF Practices Highspeed Radar Interception modern, one peer, code-controlled, colleges attack techniques. In ferromand at finerrocardred-numbed broad attached by 12,000 ft. of sourced cable to the CF 100 tegs. Slottlike most from contains a most stores for mostling radio concern to attacking plant's



GOVERNMENT PRODUCTS DIVISION

Integrity...fundamental at Rheem

Performance, responsibility, quality...without compromise...are the foundations on which all Pheery aperations are based.

They are the essentials governing every process from preliminary research through precision engineering to finished product, and are responsible for Rheem's enviable record of low-cost per unit production and on time completion schedules. Rheem's integrated Government Products Division engineering facilities are presently in quality development and production on air frames, missile and let-engine components, airborne



on tour...Gilfillan GCA Quadradar

A compact "auditorium on wheele" is now touring military and civil air bases throughout the United States to demonstrate the diffitian GCA Quadradar. Inside this atreamlined, un-conditioned truck and traiter unit is seating capacity for 12 visitoring, as well as the lightweely14-in-1 Quadradar, a communications system power unit medion picture prosection soulpment.



Airports Get Set for Traffic Jump

Airport Meetings

· torrow Association of Aspert

Lyar carports in the United States peculing most them \$100 million to

suppid and change the face of their finklies.

The dough treed is treeved a faint, smoother fore of presengers, happen and maps to see floor aprovide. But represented new under construction are their face has problem of developing as an experience are the face of the foreign as an experience of the foreign as an experience of the face of th

sig as troffe. Automati an incume lady yee proceeded more than 31 mills describe urdine pranagery that addescribe urdine pranagery that adcessed the second processes and the standard processes are sufficiently and add provide costs. By 1904, annual passenger costs expected to surnace to 60 suffice. By 1904, annual passenger costs expected to surnace to 60 suffice. Box, Air Transport door up the 15, second, a national anguest developer a subdy 5500 suffice. This manual, the folial government would put up the 50 doors agreement would put up the 50 doors agreement would put up the 50 surnace to with put up the

a 59-30 hose.

Federal synegrotism have full far short at the goal. Attent and managed of in 19-19, and Congram summed only \$23 malmon far 1955. The short far 1955 are shown for 1955 and the full state of the state of the short far full state of the st

olemb franks. Tylel finels that have been oscilal trylel finels that have been oscilal for you occur exponences the The integer man and the second for the integer man man and the present of the president and the second francis of the president of borolling gravers; set belief. Notodia prayers; set belief. Notodia prayers; set belief. Notodia prayers; set belief. Notodia prayers; sandade new it musick, development of belyouts, loss gravers of selections attempts to successor of selections.

Terminal Trends Most use topost terminal buildings our designed for mostler pureign

Magt ace corport (crossed by a designed for smoother year to and more signal flow of I mid from transports. They of I out far easy expension to so a needs.

to extraoring transpic in the roy grawth.
The arctiony muon building system of the two-level system artical reposition of processor.

PSP does it again!

with HIGH VOLTAGE SOLENOIDS for new fields in electronic control

For cannot devoits in anough, companies and guided minder, ESF broams no conclete impact. ESF broams no conclete impact. ESF broams no conclete impact not the fit 150. Voit meant There new visionship and south the supplements with the supplements with the supplement and the workings not begin guided.

ESF Buth Voitner Solvenstages in electronic sales guident.

The State Section of Committee and Committee

shough scheenish can be accomgated without spread or canlingly and double can internal — in post open and post type — can be negled in parkers; is whele seeps of control open, sees.

Weddag in store conjugates with cer controllers, PSP has whapped the profilers of high real servatures and latch reconstru-







(NO Olle Street, South Gate, Co le New York, New Joseph and Counced, Statuted W. Baltimerk, Cl. Speciesco, N

AVIATION WELL AND IT, 1955





The old files fagor, or concountry, prept run the said of the country, prept run the said of the country, prept run the said of the contents, of ChevY, now tensaid the said of the said

\$2,850,000.

Show of the near charact ray be flowed from the control of the contr

come district districts ophidosis on the Heliports and the Future on Indian profession to be found to the second of the second o

trid tower impact by a cith. If it coperited to serve L4 million insteads principates a very by 1960 • Wrights Manifoyal. One of the notice's newest complete supports, Weights's 511 million 644 has a

ration terment building set in the

man from the "flyingest" business talks about Airwork.



"Construction is probably the flysingset's business of all those using corporation accordi. At Berwiste, we average a state-off and a landing wavy hour. "That kind of fying demands the uismost in engine performance and reliability. That it's why I sick to Airwest overhauls for ray engine and engine driven

George Beains
Chief Plus
G. M. Beewitz & Bos, Inc.

Arrent is 1 of the nation's 4 P&WA overhead bases... and the one most corporative pilots prefer,





AWATION WERE, April 11, 1955

This helpest perhalty wit to best and question by the First of New York. Address:
Address: the First of New York of New York. Address: the property of the Pro

This is NWL...

a top aeranautics team engaged
exclusively in aircraft equipment

M. NWL, Projett Teatrs of experienced obcests occurrey persons received the combined skits of NWL dough, devidence, prototype and quartity precision production to more you in producoffernood type alterest control systems and components. The Nil

Phild Serve Mechanisms and Components Nydraville and Personals Actuators and Valves

Advances and Controls

Paraging Devices and

Pressure Engalerors

NW. NATIONAL WATER HET CO

NATIONAL WATER LIFT CO.

the the Port of New Yest.

The discovered by the Port of New Yest.

The Chees containing the control of the Yest.

The Chees containing the property of the State of the Cheese of the C

in barners area shocking insugantees of the sheeper server.

In A working group of outer operation, bought together by the International Air European Ann. Juny November at Minerard, and my assumpt to its the characteristics of outpits been much be proceeded by a restaint determination of this team and leavism of heliports.

Senate Unit Aims for More Subcontracting Senat Sual Rudiens Consection at the Consection of the Consec

*More mendency inspunge concerning abocontinuing slowled be used in sub-lary continuing slowled be used in sub-lary continuing the sub-lary continuing the body continuing and sub-lary counting of the folds; continuing all sub-lary would be subcontained.
*All prevenues over electricities all sub-lary continuing all sub-lary slowly slowly slowly sub-lary slowly s

substitution plants about he with femal.

Other points under an the sport was a substitution of the substitution of the substitution of the substitution of the businessis — it among tentions, it is businessis — it among tentions, it is used used to be contain for the subtion of the point of the substitution of used substitution of the substitution of the most week than the large containers.

There is all in Trage true of diagontics of the substitution of the electron much land December 1997.

• There is will a "Improvement disapparament" concerning the procession of the procession of the text is made in the control by Defense Security Cashels E. Widner, and tray officials will be supposed to certify on the resonant for issuing it. See. Educated They, emiling Republicate on the resonant property of the control beauting people has indicated they preferred distriction in security part and of preferred from its security of additions one include with an observation of these districtions.

ARATION WITK, April 10, 1993



Posturina, poind to notice ten the areas of the size — Assumed a pitch similest neither entry to reak out and him any measured in "Stangdom cours". A present is the nation's unside program, Goodpen Areast Copperation has saids easy submension contributions to these validations recipes. It has developed a pitchese serious which gives them sobos a pathfurdrag nation of accordance areas. material whole can give strength without weight-possible to their referrance. The first referrance is predicted to their referrance in produces (EDA), the Condepar Elementa's Differential Parkapter—an available composite of a devated designs which subsides [1] contrible to perceive the performance of their missible without handwidge from to product that behavior and petits. In missible, metal to handwidge from the product that the missible without handwidge from product specific missible and period handwidge from the product of the product to the missible sensible of the product of th

GOOD YEAR AIRCRAFT

Plant in Abras, Olio and Litchfold Perk, Arizone



Appropriations Group Cuts NACA Budget

NACA solid for \$76.5 and byn. The st \$11.5 million move than NACA's

source's effort. The \$55 million voted

263,000 sq.ft. Ready to Produce for You

Whirlpool is Your Source for

Economical Airframe Subassemblies Yes, for futt tombustion of worships and ent's Devusor of Windpool Corporation. facilities ... experienced engineering ral-

ent . source to passage both evolety or METAL FORWING What was shell to produce in recom by Douglas and Lockheed Learn how your needs, in any volume, on even the curbous schodule, on he seet by Whydessel Writeware or phone today . . . qualified repremanages are evaluble to comple with you

Send for Illustrated



DESIDENT AR La Porte Aircraft Division

COMPLETE FABRICATION

ANNATION WERE AND TO 1955



With Receiver Indicator ACCURACY within 1º

Olympic's resolutionary new Streetins Finder was demandrated in Washing-Head, dependently and ecoursey Bassiver indicates ACCURATE WITHIN I

Charges's 22 years of advanced electronic skill developed this way, someout content at a loss some to hadrois autonos, most and cobies, made for hadeling next, which now not soften within the reach of every sirper, folicitie, sactache begrings mu obtosoble even under high salse level sandifices where

the about some transporter is provided big. The receiver is confinenced tunchly between 112 and 141 AC; so second employment in sended in the eliand when they standard Will imperious. The custon is accorde what for Mad the support new for complete specifications and full dateds on the Therefore Study, or well as information on Object's community for little fee dealer, development, manufacturing and engrangement resting



Olympic For information reporting held DEMONSTRATIONS, write as wires

OXYMPIC RADIO & TREVISION los., 24-01 28th Ave., LLC. 1, M.Y.

Hora Oy. Les Suit ...

AVIATION CALENDAR Aur 1615-American Colomos Acro, 1971

Age. 1629-American Association of August

Les Augeles as 27-16-Assesson Helcoptes Societa. Asy 25-25-Michael Accounted Confer

Baltimore

Apr 2950-New Emphad cathe-distrovirs
marking, aposited by Scotte and Consection Valley sychols of IRC Shoote.

Place Third, Borton Age, 30-4a: Farra Arm., Efficial Wing's gausal convention, Sherrico Hotel, Chi-May 25-Society of Accessibal Weight for authors Phylip Test Instrumentation Sprengum, Alia Motel, Works

trong, Ft. Worth May \$75-National Into Collegate Flying Asso assess investration and as meet, Musclaim FeM, Pt. Worth

Mrs 1620-Network Marchin Harding

Mar 39-Foderation Astronomer Interes-tionale and KNVsL Eavel Notherlands



Tactical Air Arm pulls the switch

support for ground operations, this man now has

now carry a war to the enemy anywhere in the world. is errored to the top-level shinking on problems of the

MARTIN BALTIMORE - MARYLAND



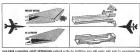
· PRODUCTION ·

LABORET U. S. BUILT EXTENSION PRESS, shown bear leadmails unit here madeled by Havey Absorbers. Ter

Big West Coast Extruders Near Production Status

Be Ireine Stone about 60% complete, but a been exceted retrafest abstracts after conferentions Press Asser-The 12,000 ton cents will





PARTS PRODUCED ON BIG EXTRUDERS WILL After Safety now don blacket (middle); were posed size with intered steller







miled shown would be made of these separate part, tailing edge eleven (above, middle), and Zee at Series (above, force)

and percel building. Left found drawing shows old and new wing looking edges, shows at right compares sid and new longerous AVAIDON WEEK, AND TO 1902

"Bogey at 6.000 miles!"

Suon, six thousand railes is hesend the long It'll be until we're thinking in terms of thousands of males . . . or more?

We're agend of the part we play in producout the world's good sensetive rader sets. Greated, it's a small part-more small muta -but our train of precision environment, toolwhich the scanners turn, tweet and probe. we'll common to furnish component parts that will enable us to spot begrys 'way out there-wes, even 6,000 states award. For a book on our company-its facilities, its







THANKIN ALLOY EXTRUSION SHAPES probeed by Borrey is experimental USAF

· Wide, integrally stiffered skin peach *Lorge, hollow extraded shapes, such Steps & Topers-Stepped configura-



consist to illuminate the forest These features conform to MS-25010 and MIL 7806 Part

to PANEL LIGHTING

numbers 1900 with solder terminol and 1950 with score termi-

* CARIN LIGHTS - (Advantalis). * CARIN ADDISTABLE · ELECTRICALLY PRATED









PROBEM Area Division of America Banch Area Copy, Gorden City, New York, here the difficulties insolved in casting the lifearment about a casting the financian distrantal accessors part before it little the densing board. The part was chancemented by consplicated instead instead into the control of the con

SOLUTION, trans bringly the denouge to Rolls, where coperenced metallargers and tallied douoday engineers selected the problem from every consecutivable angle. A sudget case area of wafact devised to displify feeding and drifting of important series. Then a couring program was everyl, probleming server learns.

RESULTS: The complete story of this canonal part cannot yet be told, but sound cardings are being produced at Rolle is production quantities, with each one securing all of the signi-

questifications.

YOUR CASTING PROBLEMS . . whether they involve said or permanent resid course of abundance or magnesson alogs . . . on always be selected question and economically if you bring them to Balls. If their for free headler as Relate counter share the magnetic problems of the problems of t

□ Flaht weight with strength



New Titlan

Miller States

Onlife

Onl

as each a part of the potent as the present themselves. Thus, hour a 42-ft length lenst for best most at Blacey today, the new facilities will altered double the length of part which can be handled.

Highests stretch straightaner for the subject of the new person will repair up any in year. [300 hore to adequately brothe the may be retrieved to the first threaten the subject to the s

any reconsumption conducted in other properties of the properties

to at Juliane of Hollow's south is the judication of chee belormore, non-chieft for ings: Some of the po-chieft for ings: Isome of the po-chieft was under stoom such as a shore excelve one, east tags and influence attention of the potage and influence attention for the factors in commencion, with the influence are commencion, with the influence attention of the post and protect on in the lift of the year and protect on the lift of the year and protect on the lift of the post and protect for the proposal mechanique is robotic frequency to the proposal posts competitive in some with, the

New Titanium Plant
Mallow Sharen Tetanara Cosp has
recapited a new walting plant at Nite,
Obs., which measies the frant lite
name expects to 3 unified to a season.
The new share one for whether share

to sugat AMATION WEEK, Aury 11, 1955



FOOTE 8805, can serve you with the world's finest aircraft gears and power transmission units There's a reighty good reason who many leading producers of

winned suphus and its frames are Patel. Bose, for the produce particle, power controlled and of the produce particle, and the produce particle, power controlled and particle of the deep studped collection. If you've never that substitute production, if you've never that methodized of this white controlled, or you'dlike to long love an early-prepared books; describing in detail the vant reserves sensibles and by easily a survey proper transmission made. What he pays ""FREE any of the Power lives, that on fulfilling today", it is he incorrected fortensis you've the two was head.





2. AT McDONNELL AIRCRAFT . . .

L AT WYMAN-GORDON Industry Putting Giant Presses

1. Course F-002 slommers were sugg year

2. Short moral farming will be job of 5,000 too off-contened units. Additions on be made at either or both ends to give an aggregate powe capacity of 25,000 tous. 2. Provide blade, obtune rate will be sted estrains pass being raded for open District. Fellids, N. T. Schmed to be the



also process filtrations and non-forcose effect. 3. AT CURTISS-WRIGHT

with the help of EPON RESIN...

New paint prevents damage by hydraulic fluid, exhaust deposits. weathering on Douglas planes





EPON resing are the energy polymers made explosionly by Shall Chemical Corporation.

Fire resurrant hydrodic fluid.

soluted from Exon rectus, explied in rehand seth oreas, was 192% inpart after more than 1999 house in

twent, obligy to withstead on tremes of heat, beautifully and soc-

SHELL CHEMICAL CORPORATION Affects - Bootes - Ovices Clareland - Satrait - Houses







Australianese of well-famous link trainers and chealeters both es FSD, 9-47, F49, FSRS, FSRS) * simulated abound between

Senator Seeks Titanium Data

righted as appoint of alarmouse, resp.



A telescooling leg fitted to a Do Alf handoperators to change cetting engles peractions. Farcounty has anothern were Argon of tilt changes, mother to support and more the table. The log is a length three. An affective wheel weeks with

the three-feet delit god. Table one be taked

Save Labor . . . cut costs with





Automatic Feeding and Setting! Tell morts your needs for labor savant SPEED to assumbly ... with notices. T-J musts your mode for lebor saving NPEED 12 assembly , were personnence securious Environment Charles for grapp to be roday . . . 16 to confe acceptions a service and control for going pole scory — in a cross, management, facts machinery, anappage of all seach.

J. GLINCHORDS are cheek seen is an 1 mean house? Folly approximate, — conceptled by a swept too a routed Avanishin as Undertainst and General seed models, through departs 2" to 50".

T.S. RIVITOUS is recommended freed and set accordingly, — with high.

E" in M". Wire for Clinchor bulletin 847, Euross bulleten 646 and 847. The Territorijaharus Or, Jacksop, Mich. 37 YEARS EXPERIENCE

MKINS-JOHNSO



VERTICAL













Why they're 10 departition. Honeywell grow me somewhold as no condenseed, pressurate commganished by a double as lock. To convent less can death, weekers are required to wear appending pengrown. With not and production functions soepolited as the lossesses. Honeywell produces thousands of processing grown a month.

FLOATED











AIRBORNE

GYROS



RATE











2600 Ridgway Road, Minneapolis 13, Minnesota

Honeywell



Deadly New Delta-wing Interceptor

Present by a Peat & Wheney Assent Lot delta-scienced F.162 climbs like a racket to offi-

Like other let strengt, this new Conssir inter nations of heat resistance, correspon resistance, strength and ductifity found in lace Nickel and

vice. Perhaps one of these alloys can solve your metal problem, too Inco's Technical Service Section a ready to help you investigate. Why not antime your problem for their study.



MALEST AND MORELY ENGINEERS FOR SOME

Portable Hoist for Turboiets, Missiles

Desirated Model H-1000, the new box. Inc., Inglewood, Calel., for F-56

chem full. Hour is monthloaded to

USAF Contracts Colleger is a list of recet USAF

AND Protests, Inc. 1911 Late St. Acres may do. Peopl St. of Dis. Peopl St. of Dis. People St. of Dis. Of Dis. People St. of Dis. Acces they do., Peopl dt at the purp. S.R. Minesteings (dels, benches, work, week, metal serial ten fit at, 11 111 Vancous Davids Node Not. Eacht Articles Corp. Trans. L. Mr., Consider Articles Corp. Trans. L. Mr., Consideror press Bellyes-Pleaser Dry, Breeds Actables tory, Villation, N. J. perfector, preserve, 1707, No. 10, 10, 10 Or her dir. Hardware, ter, 1800 U.S. 14 M., O. Ben dir. Hardware, Ind., 1920-

with the headson-short name of blacand mer reffrag machines, proven,



makes for \$10007 On a \$1 500 makes (on \$1500) Whitnaker, for preduction of an average prototype costs the communey from \$1,500 to \$3,000, elithorary the intital volume and

Does in and production of prototype solver or a consolition of processor. Often taken bount for an assumed that

A chrage in sufficier needs or may object the propert dentaceBy at

value for \$500 - and for half that if

COST-LAVING INAS (D) FOR OLLION ENGINEERS S.S.WHITE FLEXIBLE SHAFTS MAKE EFFECTIVE, LOW-COST DRIVES FOR PARTS AND INSTRUMENTS

point, In this case, on purchloge had to be driven from an accessory near box. By erino on 5.5 White Sevible tween the two ports, the



and assembly time. HI FYIRLF SHAFTS OFFER MANY ADVANTAGES

They are easy to install, they moke people omplifications on



CONCINDUSTRIAL DIVISION DENTAL MEG. CO. 10 Eest 4014 Street - HEW YORK IS, N. Y. Wedern Darker Office . Eleas Building, Long Boock, California

Brade Arteles Cow, Diffus-Pesses 4. Tenders S J. (School: 188 e. 2111 Manufers S J. (School: 188 e. 2111 Manufers Street interiors di presspt. 2110 m. Street

Cortino Wright Gorg, Carleinth, N. J., Sont decolater trainers some paris, men.

categorie 22 pt periodici



T-28B Control Quadrant

ANATION WEIK AND IL 1900



EXCLUSIVE ADVANTAGES



All and the best shad and makely

Corporation, Dayter I, Ohn, U.S.A		PRECISION-ROL	
PART	MATERIAL	THREAD	CYCLE
TUBE FITTING	Alemann	V ₂₀ =20 N.E.	3 Sec.
LOCK SCREW	4343 Steel	56s-14 N.C.	5 Sec.
TUBE PITTING	Bross	55a=30 N.F.	3 Sec.
STOP SCREW	4)00 Steel	55x-24 N.F.	5 Sec.
SPARK PLUS	Steel	N-20 N F.	4 Sec.
Angdess Tool Show, Seeth 1222		CAPACITIES OF STR	NOARD UNITS

:0222020

aircraft equipment overweight?



Whether your grabless is moseld, nor-

OWASLE

Here, for enample, is consuming eve mg skills, research facilities, and perduction experience are available to

glad you did.



LELAND inverter weight antranta 15.7% under specificational

Person that

Navy Contracts

Behlver Avt., Philadelphia 11, nor Labring Hessid Mrg Sz., Charier The & Thinwis Ass., Televich, Fa., motel out-tainers for HTM trains: 170 on, 123-457. Novice Page & Francisco, 121 St Mile St. Gircowolle, N. Y., elevis, 12 124 pr., Mil-Window Meditardias Ltd., N. Hollywood alles assirt, 158 etc. 255,500 Attac Falic & Named St., 55 55 Parille

Anistory Combines Co. Sec. 343 Main 1 Source N T. Alter E. 225 Co., \$150.00 red: 1 cll on \$49 cll old report state Ma Corp. Six W Corbs tre, F.Q. Sex try, Sodiesis Date, but otes 2,301 on, 155gart Mannas, Salese Str., 1814 That Am.

ANATION WEIK, Aud 10, 1981



ENGINE SHROUG AND TAIL PIPE concentions for







Beary Council, Inc. is the new scane for former Barry Corp., Waterbeen, Mass. From sprimders in theck and vibration inclusion.

Provider Product, Inc., 1735 South 27th St. Phoene, Arm., in new form speculating an ananobetone of tools, due and must composent for the arms.

Root, Screenly with Borng Ampleme Co., Sortle.

P findact Pelonging Engineering, Collect Cray, Calif., is new more for Fox Halls Twol & Dir, maker of hest-ording and perloging machinery, armelt and

PRODUCTION BRIEFING

MEANS:

- USS FRIENDER PMI

▶ Deubch Co, Les Angles, in no issuafacturing und distributing conplite flux of AN electrical connected formerly made to Monapath District General Electric Co, Providence, R. Deubch sido will make an improvquels discussed, potted connected in the control of the connected in hermatically scaled connected in

▶ Doughe Aixunft Co., Tar., El Segundo Diverent, Cold: plane to eccupy a new \$426,500 statemay for Castroic Liberatory of Engeneeing and to display fulf and encourse. An electromacistic comparts will be used for development and analysis of mount! Hight and for control matter.

Seems about the three bids of the country of the co

► Robey Roter, Inc., Colver City, Colff., her expensed ats facilities. From while sub-remotipes and numerium rate and directional gives, vertical good, speciliration as market and manuface of a morters. Accuración Instrument Co., Harchisens, Colff., forener eschairer soles mente for Robes. Bus bercome a soles mente for Robes. Bus bercome a WE'RE LOOKING FOR ENGINEERS WITH ABILITY

Stratze-now developing new airconditioning systems, six-turbies drives, controls and other pneumatic accessories for aircraft and industry—is interviewing wellmatics.

RESEAUCH ENGINEERS
For investigations and reading to personate refragrenism and very high spend parter markets.

PROJECT ENGINEERS
Several - Intermediate and Junior.

DESIGN ENGINEERS

From to E. T. Bartlet, audining year qualification for their interesting and challenging positions. Year communication of the land

Year correspondence sull be days in complete confidence, a) course. Ecotions intellige registric on "Sec. 1 |

honeing regulation (2500 and access Conventions of the New York City.
Westlefeld recreational facilities. Fine headers

STRATOS

Manufestures of ou-ca aquipment and praums

and the contract

ANYONE CAN MAKE

destinant control until contribute to majorate, survivo, surdifficiency of the mechanism—and at miscensible con.

The use of malorishit or nacorrectly applied until unusily malor the confirms were verticed of being:

LOPD FACTS ON VIRRATION

Loan has devend over 30 years to the second of rolumn of thousands of whether and shock problems, Loan respects, engineering, and production facilities have produced over 17,000 trans of buildy affective control sents for all kinds of spokendown

apper of highly effective control such for all kinds of applications. Exceptional engineering and mentificating title fits the use of only the best materials provide such of Long products with several contrading advantages.

ESPECTIVE VIBRATION ESOLATION — Long usin todoes operating vibration, shock, and noise to the lowest genetral level—cure a long, served free operating life. LOWER MAINTENANCE COSTS — Effective sectation.

ings of secural types. These we solvewhet to many standard structure cerein applications and provide affective and econegically objected to wide tough of problems. The estimator fieldlifes in fully as possible on regions for substance of your problems, whether they are simple or complex. Sensity off, or work the Monre Offer, the, Far or the Lore

TWO ENGINEER DESIGN YOU.

LORD MANUFACTURING COMPANY - SME, PENNEYUNAMA



aquipment and presentic access ratios for high spend already

IS BERROWS ST. CLIFTON, N. I.

GRegery 1-1600

Service of pict event of

WHAT'S NEW Telling the Market

Rack and need tabbon-tree contact Data on whater, and products to Chicago 50 . Uses of personne-Allow Steck Per Off is title of de Magatectarius Co., Dept. P-537, St.

Say Co Uses N I Universit Colonial "Id" consentible benefities

morbine, comble of hornestal usi-

Type 21-105C man spectrometer countries of districtionary recommendation of

sate medding techniques for economical

Co., 2300 K. Butler St., Philodelphia 17. Pr. Subcontentian estadou el Mack Engineers & Machine Co one Selectors tables, instructions and

Technical data on 17-7 PH (megos)

- Namerous types of mate backet, R. J. Complete standard line of Tone FSR RF infrafestors are receess filters a provided an estator for



BARTWELL Engineers are not only evoluted to come a web the HARTWELL AVIATION SUPPLY CO. 2015 Waster Hot., Lau Angeles 16, Cald. a Record Silliano Michita, Sano, Fart North, Tongo

HARTWELL PLUSS LATCHES AND MINUTE OF CONTROL



Box 1035, Dayton 1, Ohio



enduring accuracy

Flights come and flights go. The met held and pools freeze. Time comes at time goes, but the security of Kolleston products endown.

The con slowed weigh Kolleston in these soons fields.

PRECISION CONTROLS
PRECISION COMPUTERS AND COMPUTERS
INFIGAL COMPUTERS AND CONTROLS
INFIGAL COMPUTERS AND CYCTEMS
RACIO COMMUNICATIONS AND CHARACTER
MOTORS AND CYNCHROL
INSTRUMENTO FOR SOME CATEFOR EXPERT

and on an income and the contract of the contr

Our manufacturies and research (notities . . . our delle and takents, asset



AERONAUTICAL ENGINEERING



NEG PEOP as small by acception and perferor value, was for matrix and command center and mobile branches.

Support Units Are Key Part Of Aerial Weapon System

By David A. Anderton
Sost-slove stems of support or
man go rate quastern screece with
obodes's typical saxially values.
This map hous suspic banding:
transport follows to the transit shall be
see complete or the transit shall be
seen in the physically, in the small,
Desga, development and product
suppossibility firs of these 'cules' alfills on the shaulders of the pr

supposed the fatting of one. Does not be the closed rescaled, bugstley protect, in summary stages of completion Does the other was an examine merchant from the other was an examine merchant from the completion for the close of the close of

Fire helps explain why an alone of complain is no longer circuital to the development of an an weapon, and have a company can full into the risk of a sub-contractor to an electrism firm, a university or an actionable

Ancillaries

There are a half-dozen types of optypoint first support a seemle oporyton in the field securing, hundling, bonding, elections and best hundring bonding, elections and best hundring by Betters in Field-Times a hyperial problem of the first problem and it is a support from the first in a single at goes or in first marrier. It is sufficiently from It is a support to the trans, when It is sufficiently from the trans, when the problem of the first problem is a list of filested from the trans. when

It is ell-linear from the true, best first brough it acts the and arm, and transported to make and unspection area. All robby, it is obeyind out, its a or and povergimen may be



MATAGOR are readingly benefity measured on trader for mobilety, needs these other velocity for frequent apport.











AVANIEN WEEK AND ILL 1990

FLY WEATHER-WISE



a recionate test por register to the same was investigation feets it is 4. That is, lineause the bandward store on you that the natived does the control of the same was a register from Albury to Buffalo, but only pack up 27 cm and course at book buffalo to Albury with the same work and course at book buffalo to Albury with the same work.





Warning-Lightman high granted may not uppose blorred, even shough ground log in feerings in lower, damper upon and will toke uponed as these higher elevanous

Best Pair to Get You There

With AGOT it's continuing to know that you have clear every posturation on the ground before rule-off-felecting due tight arisino fields and laboration in mighty indepensed "growed work." The features Phyrig Red Heises sensition produces have its approved of every major assessible builder acquired the right specifiendors of the Acroy and Nivey. Aure been a first obsect aroung hadron after and beforem more the Witards Bushiers, from in





now\A\K()



Fifthern your additions to the "100 frants" follow ALSO 8 and 6 Channel Systems for recording analog computer oplowts,

at after applications where I

Write for saining material as any

SANRORN SEST COMPANY

nothless on the case of an aborted was.

on the maters, according to one con-

alog a completely new philosophy of

AVEATION WHEE And II. 1985



WIDEST, MOST SPACIOUS SEAT IN PASSENGER SERVICE

As seen as you see 'on world ogree that TWA's choice of TECO seeks for their Super G Conside has resulted in a fresh-leaking, mere specious and confertable and then

which aready emisted exciting, same coolifies found in

Completely New In Comfeet and Fresh, Smart Styling! Constant exercisely for PWK to a Chica colors

PRIN, MANUFACTO CATAGOG and specification about the every restrict of TECO



Military pilous are prosected against the dangers of celia pressure new ME-1 Occupie Resulters: Agranuse, feel-outed operation of deadly almoster inspect a completed mettern. This unitaring new experience with the Air Force Arm Medical Laboratory. It is Sest ber may also be used with the Standard A-13A Orygen Mark.



General posture with racket power The first codest figure efter leaving

size This procedure is possible only where reliability is excellent; this is the

aggets stred that can be leveled (Cor-

Training Aids

Towing techniques and equipment One apto-audice music resent

ANATION WERE AND IL 1910



LONG SCALE



Standard AND 10412 Seals are appraximately 250°

- · He purillary com-
- @ Operate the same as genveational thermazaagte type or resist aace type tempera-ture ladicators Intershageable with conventional femore. ature indicators, use standard resistence hulbs or thermo-
- marries and lead Made to Military Steadard Steelfication Tested and Asserted

COMPARE the Improved readability of those long scale Indicators with these . . .

Conventional indicators

Recognizing the need for improved readability without increasing panel space require-

ments. The Lewis Engineering Company has dayslaned these completely new Aircraft Temparature Indicators both in the Thermocouple Thermometer type and in the Resistance Thermometer type,

the LEWIS ENGINEERING COMPANY naugatuck, connecticut



set new standards in airborne dependability

DODAY, THE SOLAR MARS REDOTTE SUITABLEY overheads - three truce mattel entirence On the Douglas C-134C Globernster.

ature conditions Add this reliability to the light weight,

SOLAR

60,000 hours of rugged, dependable

an secretis, even under selverse temper

Calce Officer Year When her commenced the Street

Societie. Complete cost of system with the fire new Yorker Witness T.

Profition ... the all terms of month

Logistics

*Higher Bebeloss-One of the Ent weblers still under consideration is

KKIATION WITE AND IL 1998

Human Engineering

Course Opens in June

Sentention for of 5790 includes

Aerodynamicists

* Expression Les Angeles enterveur will be excepted for enalthind applicants.

NORTHROP AIRCRAFT INCOSPORATED PARTHODIST, CAUPORSIA



CAA supproved up to 185 MP.

STREETHICK.

CORPORATION

Controlls Ma ... CAA approved up to 1 6579 WOOD Panel Finds—CAA reported up to 225 FF TREE COMES



AVIONICS

Sanders Beats Out Top Avionics Firms

By Photo Klass

go "ecil over \$12 railwe," with on Number Adsertments-M the me-



NEW RADAR UNDERSOUND TEST any abundaned to-tale sail looks and on Nadrae open

* Franchisted for high albitrale radar

*Plante rader automa dish which



For a few hoshiet discharges 26 Adherrer, Contract and Scatter, at work as the aboundt subsets before write to 26. ADHESIVES AND COATINGS DIVISION MINNESOTA MINING AND MANUFACTURING COMPANY





Vital link between thought and action

Inginates and physicist munified to undertake and

paces all military and industrial activity RADIO COMMUNICATION, oldest of the electronic sciences, has

or Serse Weekleiden

The Ramo-Wooldridge Corporation DEPT. AW. 8820 BELLANCA AVENUE, LOS AMOELES 42, CALIFORNIA



HERMATICALLY SEALED posted outset book and flash-mounted high-temperature

* Madest bunature solemekt solen

. Helicoster hoverloss device (recenting

cohescut unless with an exchange

Internotional AVIATION TRADE SHOW May 4, 5, 6 69th Regiment Armory

Acresoft Trade Shows, Inc. Hetel McAleis, New York 1, N. Y.



THERE IS ONLY ONE PLACE

Where your customers and prospects come to you . . . Where you cover the mintion market economically and effectively . . .

Where you increase sales and promote new business ... It's the fourth

Lesinaton Ave. at 26 St.



are light enough to fly!

From the very start when Painte princered the first hornoria terminal that was an interferent

Though these have been many improvements in both designs and materials our base often remains unchanged. Even a terminal which stress as a situatival part (many of our do) should not include suncessary weight Goly where an actual interfacion of glass and metal court can a light feesal.

weight to strength ratio.

We suggest that ray hermetically scaled electrical component that ray be called upon to ity should have rapped light weight





DOTSTEAP solvened volve for metric name handle 5 bp., has tacqueuer sexpose

toos al the circuitr.
The Suebest-Givilippe process counts of bonday their insuppriest their all their basis of a special point of their basis of a special point of their basis of their



AVATION WER, April 11, 1985



It takes a lot of spadework

On any new design, at takes a lot of spadework....a lot of awening...before place meaning. It is no librar early arages of placeding that Shader Bearing Engiteers, through received and true appetitence, one weaks

of men-boars or production for encemble.

We have free as for many offers in the adolers; why don't you ask us to come as and help mens out that one danger? I do not you necknap, was you med.

Edd., while all waters, Shafer Benefit, the all waters, Shafer Benefit, Demons, 101 Benlengton Ave. Downers Goove, II In the mensioner, write for







Big, Distinctive, Fast, and Powerful



the Twin-Bonners That her



Throv's a real travel-theil to store for you doe. Here is real surface performance with the ultimate of preside our transportation constant Change to Houseon, San Francisco to Denver.

REECHCRAFT'S LEASING PLANS



APPONCEASTS ARE THE AIR FLEST OF AMERICAN BUSINESS

NEW ETOURNEAU AIR TOW MOVES BIG PLANES GENTLY



4 Electric Wheels Drive and Steer

Securit riverse power a citally one stories — make the LeTocrases Art. Two higher effective lies terring the depth of the cital control of the cital c

Dual-dissocion delle cuartel practice

Dual-dissocion delle cuartel practice

so operate forward or backward

Alvery has righes Norder Vene el

place beza foned and rosco salecta

Totariana Tore sente on also be

place beza foned and rosco salecta

Totariana Tore sente on also be

place processor

della process







AGLIED FLATTE usion disk reportedly is always, higher, mere accents then cowers bened upon always and disk.

Engineer Ownership

the animal territors and contributes an application and a supplication and a supplication

Mercer is district of sentants,



HAMILTON AFB REPORTS

G-E Ground Power Units operate 2 years with "No electrical repairs required"

G-E moter-drives usits provide reliable ground power is 325th Fighter Squadron slort hangers. Britis a scewbia, speed deposit on Earden perform to see the second of the second for the se

Ground Power Equipment in providing many Air Power Eric, Po.

slett bengere throughout the United Bases for both per and recognising engines.

Fraver for listinature and devise chanking in also exemble, with Cat. 600-yell Propagatory Changer Parkages Motor duren units in 355, 300- and 3900augu sittage, lists are and of an generation for engine forwar or visible power sizes, fill not General Bertin's common states of the propagatory of the state of the Parkages of the Section 1811, DC. Apparents falled Differ. or write: Section 1811, DC. Motor and Generator Devis. General Network Co.

GENERAL & ELECTRIC



Why G-E precision antennas can make your radar systems more effective

Advanced quality control and testing techniques For information on how G.E. can help you will

G E Approvigs Sales Office or write for bulletin GEA 6279. Section 223-1, General Electric Company, Process Is Our Most Important Product



CONTRACTOR IN CONTRACTOR AND ADDRESS OF ADDR 6-5 197-6, was of the first adoptional habits Finding and provide region







G.E. develops a versatile new aircraft motor to meet rigid specs of Ryan Industries, Inc.

today to Season 701-31, General Electric Corrossy, tween our G.R sales engineer and his factory specialists.

Progress Is Our Most Important Product

GENERAL M ELECTRIC







Power systems on Douglas DC-6's and Convair 240's give increased life hetween overhauls — maintenance time on other G-E components reduced

How opplyment \$1s, performance were improved

Progress Is Our Most Important Product



Followers the APN-1, the stepp de-APG 6 male Reben rades, and the

to Burtheon to week on the Link min-

the second year and nearly \$1 million in

► Move to Systems Wesk-From its in-

Approximately 45% of Sundon'



Glierne Point on Space Mesters Silliennes Reduce Mointenance:

Gires Decable, High Style Finish Aid Designers of New Machines The record to fight, external fresh finentiate. In bedding a graphine to record high speed



ing from 6 to 12 minutes to maximum. HK-4 field in less than 6 months, 41 No. 24 Ground has yet to choos a fellow . Mo. 25

waster not home. Speech range on an and Silentic Insulates Inductor Cail in High Temperature Hectronic Unit

Marin of the Instrumed separate of this Washers Schenced from Member, the Date new dryer is con to operation in resignar. Coming sources means, are function up to 450 F. But is developed the passion in the new high Queenial industries.

Design Edition 6





ose of the firstest growing organizations at Lockhool, with unusual opportunities for achievement and nonnetion. Assertments cover

Lockheed exponsion program offers wide ronge of

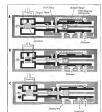
..... CALIFORNIA

- oerodynomics ossignments
 - 2. Entracte maximum speed and altrawic combilities of advanced

 - 4. Extensio direct operating costs of new turbo-orga commercial.

 - 7. Eksiktek desem entern for sandasry damping servoragehanisma en fukare fightors
 - LOCKHEED to E. W. Das Lauriers, Days. A-3-6.

Current-minded Accodynamics Engineers and Accodynamics are sovited to participate in this expansion program. Address inquiries



his indetales in aphthes rander

Bootstrap Valve

The new valve, particularly mated ANNATION WEEK, April 11, 1955

consultation on movible to

GYRO



maries electrical instrument co. marion meters

Save 3/3 of your Wire Twisting Costs . Hirker frequency suppose, which ROBINSON WIRE TWISTERS * Machineral Festercy-ke addition to * Anti-friction rolled valve which rules

> · Chin digitar mediunka recorded If eachd chaps should get put by hum 5 to 3 in , embling it to 52 sate

so hall been see the character shakes



sikes coulde of diffusion several double retire \$300, memorially * Built In Feedback-Recogning that

st sells for 5500, but a neigr of 522

Tri.Plate Line

fered a touch mobiles. How to fe the

AVIATION WEEK, April 11, 1950

THE DEUTSCH CO.



with Deutsch quick-disconnect

To concert, you pull the coupling mag back . . . engage the



/espection







3-toph-re-1 Pherr. Cattery Twisters, 12 and 5' length, 120.30 and \$19.50 each, FOR



SPLINE!

New Saginaw b/b Spline makes all ordinary splines obsolete!

of the recording of effect bull fall-reds marie finance, by the depth of the Secret. Sequence has necessarily all the depth of the secret. Sequence has necessarily all the secret to our place on our place of the size of the secret to our place on the depth of the size of the sequence are adopting it will be sequenced to the secret to our place are the secret to our place of the sequence of the s

Inches are made be Britished and Control of the Con

By refusing weight and space requirements, the Najbryk h Spidor power in region in the designs that the magnetical INCREASE OFFENDABILITY— Go. 43b districted for the month feat there—beggs 150—active, more dependedde operation is accused.



Making Tri-Plate
The form To Plate, Sunders photothe neary protons from one and
of a supported Defended Investigation
of a supported Defended Investigation
of the supported Defended Investigation
of the Sunder Sunder Sunder Sunder
placed on the Olive. At this attention
they, a sunderline PTIA Mountage
The sent they to be place two infection
of insurer sample posent tegether
and insurer sample posent tegether us
failed that two engyer trips conductors
understand the blockers the distinction of

the were Extra protest size reductions to cold from the most post first comprise the least amounted to composite requests amounted composite, according to the cold of the col

construented one Actuard TH Plate 400 and a very attenua when the recovers of the plate pl

**TOTION: Advantages—Akhonyk Tri-Plate coast; Sephyl more to lifection.

This Microsity, Senders through a starting related to the best more than outward; the facility. The cardonal cutter of This Plate Coloniants in the pools of the facility of the fac

via host twee these of Microstry, accurage, to Equippe period by the two conjugates. Normality attenuates on 3.5 de Jr., accurate partners to 3.5 de Jr., accurate pa

on to findencie. Added disobuting, as cooling to Well, in the AII. her is cooling to Well, in the AII. her is cooling to Well, in the AII. her is cooling to Well and the AII. her is considered and in merit explosion to the cooling of the AII. In the AII. In the AII. It is cooling to the AII. In the AII. It is cooling to the AIII. It is cooling to the AIII. It is cooling to the AIII. It is cooling to the A

F _

.....





bard, lightweight, low-cost and stor envisorer Tri-Plane construction.

compact, and low priced.

New Silicon Diode Operates Up to 150C

· Silion junction diedes, suitable for power of 175C Company's address at # Germanum diades on there are types, 1N265, 1N255 and 1N267, can



Executive training at 40,000 feet ...



ONANG DUGHT AIRCRAFT



H.S.S. milling cutters

remove 44 cu. N. Chrome-moly in 40 MN.

At PARSINGPALE, LONG TELAND, Lifterty Products metal in the fact time - for feech reffiner - of better

nect locations. The ish is emulated in four succes-CThis is neither instance where high efficiency and



Write for OK Tool Cotologs





SCOOL OFCCC/TON — In provide and price Total OFCCC/TON — For charter and or pay regular to first the fact that the fact on pay regular to first the 200 miles may sink and the fact of the fact that t * HOGERN MALING GUTTERS FOR MODERN MILLING MACHINES!

modern milling cutters for modern milling machines THE OF THE COMPANY, INC., MIRROR, New Harmanics.

lette ER 191A gives armiculous data

Traveling-Wave Tube Tips Scales at 4 lb. A new used behirvest Shoot

The new TW tube, Model \$1.24 HM, separative has a 35 db gars, 16 Such dimension and non-disaccomtaber no realable sa podkarez menses Laboratorics Co., 1618 Broadway, Red. a Ministery IV rather perchifore in

> 2 4b smor func. Appointed report MOC and ender NOC short and 100 Manufacturer KS Electronics Corp.

> printed receiving of total circuits or princia pooling. New SP4T state are trafable in models for insurences un





AS BLECTROMECS' time IP amplifus ANATION WITE AND IN 1991

4 per (max.) at +1 volt, 0.04 per at 3x34x38 in Andrew operating mage

has 20 ppex/day. C can be supplied for onestion between ... 69C and 1920 Radio Station Signal

Gives Position Fix North Central Aelines to Incitate ows, top orporty is 400 manda, and



BOOTS NEWEST PLATE-LOK* STRONGEST . . . LIGHTEST

- A zero, Tight weight segres of Boots PLATE-LON TRUTTERS SAIR SANISAS ANALOS ANALOS ANALOS N-25027 specificulture, PLATE-LOW forpioneers in excepture plate mate since 1942. PLATE-LOK'S (A) Inauquity locking
 - decays provides consument conferms of acrow or bolt, its apring alsol coentraction course highest toxide strength and light-
- The new PLATFILDS is conflor feet by Boots Its development traces back to Book THE-LOK RESIDES SAID, INCOME for unfusing service since 1945. Consult Boots on ell

BOOT

125 REWTOWN TURNPIKE . NORWALK, CONNECTICUT



HETHERINGTON

West Court Orleion Staff W. WASHINGTON BLVD.

CAA will laww litter at Rhaelander currenty exceeded lengths procedure

term duras DR landars BILTED CENTED P. Bretele, Advanta ABCASS, Name's reco-

making sixualt, according to reliable ►Transponder Boscon Sycaposium -

tuesfaces, persenably using the

Solvania Electric (AW Irene 14 1956 Wester Sada Authors. The Western

word remanary or the countries that to

Altz, Cult. Closur date, Max 1 ...PI AVAILURE WHEN AND IT 1995



Eliminates Instrument Interference "NO Mag" cable shows receipt along employ better tran, es

for years. The new cable, named

Correction Resistance . . . New "MD-MAG" cables have correspond

Good Thermal Characteristics . . . characteristics of elements allege applications where the characterissamplifies resistancing colds bearing Upp with Swaged Terminels . . . undervanous changes properature construction and seechal processing Complete Senge of Sixes, Conforce resistance, or established to an

cafficient to excise renincies there. structions New Part track while in

High Abresion Resistence . . . New strable for arroraft use. Get the complete store on this new technical development for the absent industry. Write today to Detect office.



NEW AVIATION PRODUCTS

114, Polo Alto, Calif.



One Hen Works Airline Stale

Flightman, Jr., n. n. convenes openind.
LSD is nelson passage burding that
LSD is nelson passage burding that
Serge, they should add that
Serge, they should and burding see
on netgot, forced and vedded seed
in reconsenselations of the Norbeau
in reconsenselations of the Norbeau
in count the platform. See risel platform retain shighly about pure just
per see about the borton may Messages
per see about the borton may Messages
coloration per sees-could in 31 day.



Magnetic Tester is Perteble
A new pertible suspective particle suspection. Set that weight only 31 Ib
and request no current, entire it
specially to secretarily part lanker in
service or suspect special forum source or suspect special strong surrender.

and sequents no extracts, risches it who possible to innostigatis part lathers in su service or mepter just distance membershore.

Parchasers of the device include Settler Hiller Helicopten, Inc., Fulo Alio, 190 Chili, sud Spartan Aventic Co., Tulin, Chila.





Bydraulio Meters Weigh 6-7 Lb.
Leptweight hybride motion, developing 9.7 bp. and 1446 by and shall speeds to 4,000 epes and protyers of 3,000 pp. has particular application to amonth and missiles, the special circum reports. This model

personal control of the control of t

Tisy Hardware for Electronies Ministrate precision herdware syncisily designed for electronic, praeted crosset and customeral applications re-

firms slas include continuent receives and instrument split lock weakers Science are calcules plated to making special Carona Component Co., 17544 Ray-



Miller Has High Feed Rete High rates of week table feed are sole stage of speads speeds stake are Extreme, Carban No. WA Vertual particularly displayable for rathing of site call destroyed Rete ports, the manufacture rather.

soft december (1997). The numbers of the forest of the for

Rivet Cooler Helds 50 Cons New Sen. St. sivet cooler for risc use has seen for 90 Entrant constant

turn rijorts.

Madil RXZ001 has lifetime siled by herrects congrame with financial consider confiners and operator on 110-135 v. a.c., 65-cycle, angle-phose one set.

Other models, SZRIIS3, v. n. 1 Sec.
if cospects cooler that can operate at low as -500°, down to -537 when ran

is open leves, free, Deerfeld, Mich.







5-Ex "Coung" aire contain of themcounts motoral architect, not counted by manufacture paids institute, with standard making presell. pressures up to 40,000 pci. These merellic tied wites have excellent residence to high temperature, swinters, chemistrik, petadeum products,

"Carmer" theregonals were new made in hon-Contrator, Chromel-about, ContraConductor, Chromel Contrator, and Retrouv-Studies



backs up to 2000 ft, depending on the type of metal falling and autitio diseaser "Canana" is made also in shorte conductor or making

becaused Write for bulletin 31-200 - C

IN CANADA. THIRMO RECEDIC (Counds) Ind., BEAMSTON, ONTARIO

ALSO ON THE MARKET

Low-hydroem electrode for offer and doed certal added to coating. Depon-

5-40 cps range Designation is "68"

\$49.50 per, fig.b.-May Engineering

Wyschester, Mess

Debuglic test stands for attends eventure

N. E., Minnespells, Minn.





CASE HISTORIES



The Most Trusted Name in Ignition



LETTERS

More on Approaches

The several feet better depending the special and a least a least and a least a least and a least a least

the plot of the weed psychologies, our of the 1997. More 6, the clotter of any option of the variant of the supple specifies in the address of the supple specifies in the supplemental of the supplemental of



in Omni equipment also ...

A helper on any plo brangs remilto with bull or often v. and
in light november a deal ARC
more maniform can double the
plot's efficiency, ones and cremilton or of the complete section of the
plot's efficiency, ones and cremilton or of the
plot's efficiency, ones and cremilton or of the
plot's efficiency ones and cremilton or of the
plot's efficiency ones
with dial ones 1DO copenpose
in the open complete force and conposition or of complete and
in the complete of the
property of the complete of the
plot of the
plot of the complete of the
plot of

rem-checking for position. And it was used to a second to reason count to reasony localized. Where there are two pilets, officialized using our part of the country of the





ew direction. He thereby established

Equal Solos Anado interestivad Oreina - 200 Dee Albal D., New Fool LF, M.M.

AMERICA MARIO CHICAGO TO S. Transferiol. Ana., Serinals, Calif. • Septembr Billy, AND Con Ann., Depth

1. Mol. • "Cl. Was An., Selection To a Science Side, AS M. Wilconia Ana, Michaeler, Wile • Anat.

Anatom. Control of the Association of the Anatom.

Anatom. Control of the Association of the Anatom.

Anatom. Control of the Association of the Associati



When the pilot spines hand, the effect is to prefer a rate of change of healing, inite cases the tangent in its track to revise in a new direction. He thereby establishes AVIATION WER, April 11, 1955



It's easy! It's fun! It's actually two contests in one. You can enter one or both parts . . . win both first prizes for a around total of \$80,000. And you can start right away because the entry blank to Part 1 is on the apposite page!

30 CHANCES TO \$50,000 IN CASHI ing costs awarde! What you could pay off the WIN RIGHT NOW! To be owneded 30 years frees naw in 19831 fet PRES \$30,000 2nd PREE 8,000 31449 PRZES . . . 2000 20 Propo No PEZES . 1000 No get been this rejects. Think of all the Into through Mich PROVE. the type on bow to win both parts of this excitfilmed and rested in a special year, at TWA's year margin. ine contest morted on this nees. Then fill in the official entry block for Part 1 to the other.



TIPS ON HOW TO WIN PART (1 TIPS ON HOW TO WIN PART (2 Singely think of all the many recover who you'd blic to be all in-Maryla what some result third air toroid will be bloom 1985. will be like that It will be pusseful in fly of the way from Lee Ages TWA a voluminary months are to equalities of the free books in belo-ing to organize their own officient and not belong promote trient-ality between the U.S. and other auditor.

TWA a sould demonstrate arrayer between IC has released from A betterenes with exp. "In 1960 2 their connected releases TWAs Instrument in markement and instrumed advances on pro-

OFFICIAL PATEY MANK PART 1 OFFICIAL PULES FOR TWA's COSMIC CONTEST TWA's COSMIC CONTEST

Flying is the way to toyed, and TWA is the way to fly barrense ACcommission on 30 editational arouth or freez



SPECIFICATIONS

OCTANT Water scale outliers of 1 cm intervals between

DIRECT READING

FREQUENCY METER FOR AIRBORNE AND GROUND POWER EQUIPMENT

When an electrical system requires a reliable It meets all military environmental specifreturned. A precision tasting fork is used an Compact and light in weight, the VARO

Other YARO Products usual for Military Assembly from

For farther information bloor units

MANUFACTURING CO., INC. 1101 WAINIT STREET GARLAND TEVAS · LETTERS . . .

* Controller Sesson-A controller approach

the Budgered Progress ! Write the look of the Birn of he and



SKILL EXPERIENCE VERSATILITY

give you the Finest Investment Costings Cody of three bringht together ean guarantee the front sevent-By means of Austreal's Microcost posess such saset parks

Depend upon Austread's greater shift, versatility and soners again when you need investment confines. These are your magazines of the force processor east parts.

ANATION WITE AND IS, 1991



B. H. AIRCRAFT CO. INC. PARMINGDALL NEW YORK

ADDRES - STEELDE & SON, BUT, FLANTE NEW PORK - PRESENTERS - CRUEDO SCHOOL - CHICAGO - LEGISON - PETROS - STEELD - STEELD

in stock CERTIFIED QUALITY

QUICK DELIVERY Bendaway, Babbert, Madianay & Each, etc. Scientist Shortage

471 Peri Are New York 22, N. Y. AVIATION WEEK, April 11, 1966

I on gots certain that more of the uplever weblittes for visual table without

are used for a wale wancin of our and time saving applications.

Whatever the job . . . PERMACEL TAPE





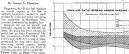




RMACEL TAPES Many lobe can be done faster, better, easier, with self-sticking tope . . . write Permocal Tope Corporation, New Browniels, N. Jr.

EQUIPMENT

Direct Injection Cuts Fuel Consumption Br George L. Christian



tally the same as the orderact vehicle

SHAPH SHOWS ECONOMY at direct printing compared to correction in column Carbonetter Co. Ltd., Berningham, or public dust comest on on, record P. Economy and No holesty Two of the

The season rown sources agle of Power found that to conhective hearing Good for Helicopten—Stanzanth an macro say that the S. U. insertion and pothy mto the collected part should ex-With standard, curbanetic and mention type feel melection systems. Asseker advantage of the lejection

The assection possess are boated as

DETROIT 28. MICHIGAN

Billedale Mich

Hardened and Ground Parts





Allied's Plant 3 to conduce parts held to extremely close telegrapes . . . with fine surface fleishes . . . meeting rigid requirements for squareness and concentricity . . . and heat treated by the most accurately controlled methods Recordies of how many or what type operations are called for to produce your precision parts, Alfed's Plant 3 has every facility-and the proven obility—to perform these operations . . . quickly . . . economically . . . and to your exact specifications.



A New 16-Page Expedience describes and places in david the fredition of ALLIED PRODUCTS CORPORATION



S. E. PUMP centrury there sayin compromes, temperature bulls, fiel researchers

each cylinder's article valve. Keaping have leading from promp to cylinders to compress the examile as the exercise dissibly many the parent pin openia . Swes Weight-Contained Academ erced components with carefully lenkage, and greater system reliability. * How II Works-the pump needs to Superconds engineers told Asserted to the pump through a staled line conpleted all the tests successfully west

► Incresse Power–When the pilot calls As he opens the throttle, mortfold



Still another weapon from the spirit world...

McDONNELL SPEEDS DEMON PRODUCTION WITH A SUB-CONTRACT TO TEMCO.

First the Phonton, than the Boudee, now the Denon -Sabters aren't enough to haunt approximes' dreams, then Barakee squadrons already in operation, saw the new F3H Druson design . . liked it . . . wanted some quick outer wises, fans, and other components totaling 55 per vair, Lockbook Martin, and Republic - all of whom have found that TEMCO delignes a positive replant, on schedule. at the lowest possible cost.

ENGINEERS. If you are inhumbed in a country with a service _____



F3H of fivelege sections or retaining arcular rise



TWO NEW KEARFOTT





The alone attention to details that has made Kearfalt can of the leading producers of serva system components goes leto the design and production of these devites. Detailed describbon sent on recent

EXAMPLE COMPONENTS

Gyes Same Meine, Spelves, and Ampan's Ampidies, Turbe Generales, Hamatic Ratery Absysth Navigotional Spiness, after high sources methodols, trips and abadrosic component



KEARFOTT COMPANY, INC., LITTLE FALLS, M. J.



FUEL-AR MEETING tobe place so marke membed about of white valve to Summerlo S.U. discrete plane; plate, aboutous plane;

and transft by a content distribution, who beyeds the time the convention of the distribution assets. While plant the distribution assets, While plant the content of all statistics, describation controls of all statistics, describation controls of a statistic plant of the content of the control of the control of the content of the control of the con

A quick that off inters, either manaally et solesoid controlled, ests pump had fow ununclastily for engine stat-

n test on 'n sopenheepel meges, 'n ynda's n sladel betreen the eigenbeend the per shoft which loses the equalities on factors of object data excessors led delaway proportionately on shifted essences to enoughous the situation of the companion of the test between the companion of the test between the companion of the test between the companion of the tracend are seen flow due to shifted between the companion of the test between the companion of the test between the companion of the test between the companion of the state of the companion of any test between the large control of the companion of the companion of proposed presents in the superclassic control of the companion of the com

Anti-Splash Valve Seals Tank Vents

> A vest lines in currintly being the face CE-100 tempet inarrange were and in 1955

They're on the Way...!

HIG-4 GYROS BEING SHIPPED





Ale compact, versatile 10° Herneticelly-Sealed Integrating Gyro you have been hearing about is an accomplished fact at Greenled. Laboratory and field testing have leng since been completed and production quantities are study to go to work for you. Guided models and fire-control yourse mana-

facturers have long oxidenced transcriders interest in this "cider bother" of the HGS-Que secondly introduced by Greenlant. We will be happy to send you full information and performance date. Please write on your letterhand and request Bulletin 104W.



7814 Maplewood Industrial Court • Saint Lauls 17, Missouri
Where quality control <u>special on</u> the production line . . . producing Gyros (note and intercutine). Pressure Transmitten, Asselvementers, Synchrop, Air Speed Indication.

integrating), Pressure Transmitters, Asselerometers, Synchros, Air Sposs Actuaters and many other precision built components.



SEPT. 3-4-5 America's largest Aviation Show for America's greatest Industry

This yeer Philadeliphia Informational Aliport will fluster the settler for American's Impact and most improving the settler for American's Impact and most improving amount of another in the fact flusters may be constructed projection. Because the settler of the

as precesses one safe or we receive the acceptances, as well as a many later and experiences, as well as a most section of the manufacturers of component parts. It is the only maper assets on how for 1955 designated by the U.S. Department of Defense for fall periodicion of the Armed Services. ...wich will again drawmatically present the progress of our air power"On the ground and "I'm the act."

For filtre plan diagrams, edition speak company, trains information, and committee death water—Bengarion I, resultin, damand Henerge, AMTONA, ARCHATT SHOW, YOU UNION COMMITTEE BLDG. CLERICAND 14' DRIFT STORMATION OF ANY TOLENGATION IN COMPANY ON THE PROVINCIANT OF ANY TOLENGATION IN COMPANY ON THE PROVINCIANT OF ANY TOLENGATION IN COMPANY ON THE PROVINCIANT OF ANY TOLENGATION IN COMPANY OF THE PROVINCIANT OF



templor, according to the volve's summisfecture. The Model 20, 1149 where a particular The Model 20, 1149 where a particular to the properties of the Model 20, 1149 where the property electron to install colors at the layer that the installed almost at the layer that the installed almost at the layer that the installed almost at the layer than the properties of the prop

non and flost percent fool from aphooing through first vents

Mondature: Aers Supply Manufecturing Co., Inc., Cong., Fo

New Generation Brush

Better, AA Finds
Accord gracence spites by on
Accord gracence spites by on
Accord gracence Courser 25th and
Accord (Accord Courser 25th and
accord (Accord Courser 25th and
accord (Accord Courser) and
accord (Accord Course Cour

Platinum Electrodes Stretch Plug Life

Stretch Plug Life
Fineweighteme chethode spair
fighen my freight that the fire of memor
electricle plug when each in Weight
my freight plug the fire fire fire of
my freight plug the most in the
my freight plug was
me freight plug freight plug
memor down Turbe Companie report
memor down Turbe fire grant
my fire fire fire fire fire fire fire
my fire fire fire fire fire fire fire
my fire fire fire fire fire fire
my fire fire fire fire fire
my fire fire fire
my fire fire fire
my fire fire fire
my fire fire
my fire fire
my fire
m

AMATION WEEK And 11, 1981



IIIST OUT _ 1954-55 edition of lane's All the World's AIRCRAFT! ROWN-MAR



Name is no jer francija in a glavno widolik basa ko. of the court he by section and so bothy of the court of t

THE ACCIDENT

old, Jr., and Stawarden June E. Miller

of weaks of the angust was 77.145 fb.

had seen marks trading from Number :

and see if he sould see snything wrong.

of Known City other than salesfine

dide on-Contract of the latest of the All Convey or Passesses Assessed words are not other the best being the paint of the paint

10 DAYS' FREE EXAMINATION

ON See No.

All times referred to hards are Curput Standard and heard on the in-host stack.

AVIATION SAFFTY

CAR Report on Great Labor Airlines C.S.A. Accident. All Safe as Fire Burns Off Engine A Downloa C.54G. N. 19979, consisted over, All the same how the content electric A Group Liber Andrew, Inc., made an the instruments and found their influsions or converse and the survey of the to be correct. The streamless are found

Gage Children Aleptri, at 0329 on June told to others to the color, and he seem 1914. The emergest business on place the earlier of and when the obmade become at an encountable less in overel mything out of the colleany.

the Number I ments modifie Al companied 900, when the out There were no aspects to processes of coeff was at an alkhole of 5,900 ft, and in Cose Likes Anlanc' Fight 146, of Just 14, 1955, oxinipated at New York, N. Y. posted there was a few as the Number I The captain remediately retained the ments of the field to Keeps Cate was neoned to level flots and feathered the made without incident and the morali landed shore at \$005, lane 15, 1954 Number 3 peopoles. The ferroll shotoll valve was then valled, the CO, arbeits

At Kases City, a souther one charge nor effected and the spirith was related. As this application of curious discussed did not come to put the fire and, the contacts The new new consented of Case Choles E. Pedesky, First Office Frank L MacDan-No strong was agricular on the anguitt The first officer called Gare PNSAC at the load was peopoly distributed with rethe Number 3 engine was an far sed that the Number 3 engine win on for said that its recording had been feethered. The Good DVAC communicator instead to be cop-

coefficial inspection and up discrementing closed UK (Introsect Fight Role) to Capt. Pudoly, made to estinguish the for beam a lift fencesdoe taux toward Buchesk Colff, six Gazes 4 and Amber 1 soled on roote time was 7 lie, and 60 min. and there was sufficient fired for a flight of 11 hr, and 50 min. There were 75 shift persuages and 4 indexts on board. specially be were mable to see the survey 9213, when the first was over Wahen, Koo, a restore posters report the flight would be ever Cays, Okla , at 1507. The case topided that when the need the first officer med a flushedd an by local thereference in that are At expressionably 6585, Gare INSAC. cloth and metatate 6,000 st. Accordingly, perceptor with orienty cocurried. Pice the controls and taid the prices that she

controlly destroyed the strong The Gogs weather at the time of the

ANTATORN WHEN AND IT THE







VIRRATION, Spendanci accuracy powerfood of Sphere 20 to 225-year.

CONDITIONS PROVE



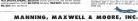


- Strict adherence to these principles has madded as to soldiers extrepe

MIST SPECIFICATIONS. BIA ESCORA HEREIN, Santon provi, and not one having









AMPRICA DECEMBER PROPERTY PROPERTY CARRY - STRATEGIC CARRY - INCLUMENT CARRY OUR ARCOME PRODUCTS INCLUDE TERRORE SHOWS TEMPERATURE CONTIGUE AMPLIFIED . BECTROMIC ANTUPINS



ARO OXYGEN EQUIPMENT GUARDS THE

As planes no higher and higher . growies and greater in the send has the many new development in outgoin equipment in company to the control of the control The Ara Sociement Corp., System and Considered, Online
And Street of Corplane for Angels Colf
for Surveyor of Corplane for James 1, Senate
Difference of Property Cole.

AURORAFT PRODUCES Act of Palest Ab and Grapes Spring Sp

Square, Printer Sander

SAFETY . . .

the positive durings that the amount first

markly and in an underly resonary through the cost sides and plot does, liveous been was accomplished to an endoasted 14 mm, without across reports to any of The INSAC compressions at Com-

other fight operating or the wage of Gage current the tight and initialy stade to customery headons. The communication to see the suport hinden our from his

Three appears care amendor mountless sade were received. Two west 64 in. http

AVIATION WILE, April 11, 1955











DESCRIPTION OF MICRORIC PRINCIPATION WORTH INVESTIGATING!

30 minutes to Weeklayton, Bakimare, resileble for less		
PEARQUES		
Two 4000 ft point remove Complete amount servicing Stand foregor 110' x 100' with 20' learner	One 60' x 25' steel building One 60' x 25' connects building Administration building with control lawer, 3 office	

Manifest manufacturer of already or obsents ports. angine a norbeal forms or mandress un specialiste. FOR HORE INCOMESTION, WHITE AS AREA, AVERTON WHICH



on the rablest mixed by the carrier in UESC-breaked components. wheaten-for direct reading, edge- or Inquiries askind - oddress Dect. AW 4 HINTED STATES RADIUM CORPORATION modification was made to wonde a more Concestors specified by the engineering order were designated to True G-27. It was

SAFETY . . .





coor of 'Report From Hoffman Laboratories'

Also Work Wor II. a replic of \$-7

vendor defeater indicated that the faller



the Gaje INSAC commonate troil cast and also been say receives of a share the flight control, him. It is a share the flight control, him. It is the flight control perceived has been control perceived him to supply the age to complete mental, the flight has been the could be under all districted power was the could be under all districted power was to consequently the Gaje flies. Deputel was not at the suppert when the matter than the could be and the protein the could be the could be and the part times. It is disabled that the

sloted and generic at the base of the hading.

The Board walter to summed back Oppl Pedrick and Free Offices MacDonald ship, ander the energiest enabless parers, effected a side landing at legit, with and secord lights and aside the object bears as gradience. Mor. Malle, the selection, is also be be complemented for the prompt and effected account on shalls.

Eyen resedention of all residility of them the Booth finds that it.

1. The corner, the servest, and the 1. The corner, the servest, and the 1. The fight was depethed a second size with company parameters are 71,140. The 1. The fight was depethed as secondsize with company parameters are 71,140. The 1. The fight was condition and parameters are the relative to the control of the control of the fight was condition and parameters are 1. The fight was condition and, when the control of the control of the control of the fight was condition to the control of the fight was condition to the control of the fight was conditioned as the control of the

6. The interest for cascal the Number regime to deep off or slight assisting a a complete four of destroid power PROBABLE CADE The Board determines that the probabil range of this sections was a beauting fails.

> /s/ Clea Guerry /s/ Heras: D Den /s/ Joh Lee /s/ Josph P Adea

F ... (77)

This time which they are greateston expelled. Next to provide the contract proceeding the professional of the local rates, because I Fill of a settle the proceeding of the professional of the local rates, decision I Fill of a settle regarded to the I Fill of the I Fil



NORTHROP

FOR AVIATION ELECTRONIC ENGINEERS

EXCITING NEW CAREER OPPORTUNITIES ON DIGITAL COMPUTERS_including nicharms times



Whether you're interested in sirbome dantal. ment and colorator-IRM offers unpassificied Because of its languaged programs in both

somethate need for exalded Electronic Eco-

Required A degree on E.E. or Physics - or conv-

helds digital and analog computers, lackedlan

There are easily bucons here at 1804, and

Salaras see mordent, with advancement

Year explice of mucco, will be held as about at confidence

We proceeded you as immediate reply ANIATION WITE AND TO 1988

ENGINEERS LONG-PANGE

CONTINUING OPPORTUNITY ELECTRICAL

MECHANICAL ENGINEERS

ORENINGS EXIST FOR...

COMPUTER ENGINEES Negation or enganetic degree in

MAGNETIC AMPLIFIER

belles, expertising other sepleated LIQUID PROPELLANT NOCKET CONTROLS Markenhood or almostral meditant to

Technical Engineerat Enginteet Dendy Evaluate Division of Bandy Asirfes Corporation 421 North Seeds Dries South Soud 20, Indices

Your future's on the rise when you're an aviation electronics enginee

FIRE CONTROL PRECISION NAVIGATION

COMMUNICATIONS SYSTEMS, ANALYSIS, DEVELOPMENT av POSTORES IN

Specializa In: Raciar . . . Analog Computers . . . Digital Competers . . . Servo Mechanisms . . . Shock & Vibration . . . Circuster . . . Beat Transfer . . . Remote Controls . . . Sub-Ministration Automatic Flight . . Dozier, for Automation . . . Transisterisation.

In these would be a st RCA, there's a real expire oring challenge, You'll enjoy professional states . . . recognition for accounelighteent . . . unescolled fundities . . . registering analysts study with company-paid tuition . . . plus many company-

poid heavity. Pleasant suburban and exentry living. Reits eation assistance available. a complete remains of education and experience to:



Anti-Spanish of Street 17.4 NAME AND ADDRESS OF THE OWNER, THE

Arrednesday Strategy

Electronic Deployment State of the Lands

Photodylamics Digeton

there is not made special to arried Elicultural of transfer

BERRESSELLE AVEAUAN

PLIGHT DISCHERS PAR AMERICAN WARD APPROXI 23 19 Stripe Frame Mr. L.F.S. N.P., S.F.s. Sace 171 Appell, Salest Str., Sri 24-521 171 Appell, Salest Str., Sri 24-521 181 Appell, Sr. San Switter, Col., Ft. 5-760

EXPERIENCED CREATIVE DYYGEN ENGINEER ary case Stock in company available on

THE PART OF THE PA

Over All Supervisor Die erreich erwebung aben besoind en Want Great famil erweitelt eitgeste met gebore

PERSONAL PROPERTY.

Py Nov. (Buy No.). Androne St. Office accessed you O'M TORNS. AND W. LEWS PL. COLD. CRESCORD. 2019 S. Allender and C. (18)

POSTTIONS WANTED

FOR 144.F

Baller secret - for the self-offer to ANIATION WHEE, April 11, 2000

UNITED AID I INEC needs nilots and flight engineers NOW!

New age limits!

above quabfications also

Write: C. M. Unkneh

AMPLANT AND FROMF MICHAELS 1 Brooks to part to reduce of maters and the first of the first and the second state of the first of the firs 7 Standard Standard London and Management of A Reportation of motion whether the ex-PROPERTY AND A STATE OF THE PARTY OF THE PAR

SMOG PREF SAN DISCO. Service super-views the rase of Southern California. Generous travel allowances in commerce who are accorded. Where at cook

H T Docks, Engineering Personnel, Days. 164

CONVAIR





CALLING CARD FOR

A BRILLIANT FUTURE...

Bendix Minute Section is a major contractor in the U.S. Nove's exided mittile program - a part of the "new look" in our defense plus. Our exception approach has more associative for senar envisoring personnel: Electronics Engineers, Dynamicinu, Serve-Analysia, Stress unto the seportunates which Bendix can offer upp. Write Employment Dept. M. 604 Bondix Drive, South Bond, Indiana.

representatives

some additional training. A & E license is

required: previous helicopter experience is

HELICOPTER

field service

Unusually interesting jobs working on retery vine gircraft made by the world's gioneer in helicopters. Assignments will take you to many parts of the eleba ... have end owners a O. BOX 149 Parellent salesy else terred expenses. High school aredustes may qualify if they have

Maria rand complete serums to Mr. Issues Dudield

SIKORSKY AIRCRAFT Watch-

EXBRICATION MANUFACTHRING ENGINEER-SENIOR M. E. or I. E. dource, Maranese S.

gineering Complete working knowledge of sucreft febrication

COCKREG AMERIET CORPORATION

Atkete, Georgia DESIGN CHECKERS

for engineering manual development PROJECT ENGINEERS For Deset and gas so the development Continental Aviation and

Engineering Corp. Structures Engineer

With the PERSONNEL MANAGER Arrestories Envelopment Coronection

SANTA HONICA, CALU.

the Secrebbloke Section Equipment Opportunities

ANATION WEEK And 11, 1955

CALTECH Southern California coperative Wind Turned

TEST PROJECT AND ALSO.

These positions invalid work on a COLUMN AND VICE Francis cleary \$1 or higher de wer in medicanting for with in the

For middings interesting about contact the Personal Office CALIFORNIA INSTITUTE ENGINEERING ARTIST

Exercise and in air bresh work with specific emphasis on abote retracking. Weeking knowledge at TECHNICAL HUISTRATOR deriving information from blue

BESEARCH ENGINEERS

Degree in metallister, Marinum ing forces and/or monteness Write in remainte anothérase ta

ESCHIEFS ARCAIFT COMPOSITION 76715 Prechtree St. N. E. Atlanta Generie ANSATION WITE AND IT 1955

the doors are

for 75 ENGINEERS

 Materials & Laboratory e Proper Pleat Design . Prover Plent Quention

· Hydroulics & Controls a District Padis & Instrument IF you want immediate employment in an area where new

backsons are opening in existion, including latest developments in in-flight returning in available, increasing agree correctly ments in in-flight returning—If was want to live in the Sungry positions listed above need a resume of your markingstone.

STRESS ANALYST ENGINEERS

Are you interested in research work involving strength and fulnes characteristics of new

mine static and dynamic lands? -or-if ran have an agreemented engineering derror was may be enabled to \$0 a most

Yes wealth entire problem for a measurable camerar that is expanding rapidly where

year family's well-holes is insustantly samid-SIKORSKY AIRCRAFT

Send a complete resums in

PERMANENT ASSIGNMENTS

IN THE FIELD OF MILITARY WEADONS SYSTEMS Belleteller Studen Mountes Fire Control

REAL CAREER OPPORTUNITIES

· Advenced courses consistés et 4 surjes sairemilles

Similar consequellies also evallable at West Organe, N. 1. Weste to Personnel Homeson

VITEO LABORATORIES

Dane Presentina

Quelens, Cultivais.

ANIATION WITE April 11, 1995

the same's Droke

some like that percal

When I found that he

For, though I'm a General

CRYSTALS On produce are associated for one pool. We see Steward-Davis Inc.

Entra Medical of the

ABYMING DEVELOPMENT

MANCHES OF STREET, IN THE STREET, IN-

PBY-54 AND LUXURY TYPE "LANDSEAURE" CESSNA AMEGRAFT DEALFR

SEARCHLIGHT SECTION

A CAREER without COMMUTING

GENERAL ELECTRIC'S HENT MILITARY ELECTRONIC EDILIPMENT DEPT

8.75 - Industry - Brochcosts @ Bally assigned to do Malatonesco and

Overhoul on all types of Aircraft 9 Ultre Medern Interiors and Conveniens

C-185 RESCHURAFT

We shallow the State of State

TRADE AYER COMPANY Lindon Alapira, Minera S-7899 Lindon, M. F.

DIAL DIRECTLY WITH OWNER Per so, much on you like \$500 per much. According to the statement recorded

rimoeks

CAA APPROVED BERAIR STATION....

AIRCRAFT, RADIO AND INSTRUMENTS

Dealers for Law. Colleg & Sends Radio and

SOUTHERN CALIFORNIA AIRCRAFT

Octors Introctunal Arcert California

.....

AVIATION WITE, And 15, 1995

is YOUR FUTURE as promising

as a HELICOPTER'S? We think the luties of the heliconter is virtually un-Resided. When not made upon betters best on venerie-

SIEGESEY, proneer belicopter minufecturer,

THEY HAGINGERS

to do imperient work in the lootinating and last-growing helicopies field. Expanding military and mae-offer excellent opposituation to further your reference whose abilities or experience quality them

for these responsible pourtane will error a wellrewarded cases with a secure tuture and many benoffts for themselves and their families. SIKORSKY AIRCRAFT

RESEARCH OPPORTUNITY

AERONAUTICAL ENGINEER New, attractive carrier seems has developed for a enducte arre-Position sevelors broad research programs in carcraft and mostles for Government and private industry. Excellent promotional apportunities

in a stable, presentation concernation. Please address reals to The Personnel Measure BATTELIE MEMORIAL INSTITUTE

505 Kine Avenue STREET 2 STREETS THE PERIL FOR SALE

1920 Madh Dave Are. Terre, Address.

Tababase 5-8651

Celumbus 1, Ohio GEORGE H. BAILEY COMPANY

4-CURRESS NEIGHT FACINGS HIG Never Used

Colonece Corporation but seitched its ENGINE WORKS

G.E. DYNAMOMETERS 1 SHE SEE TYPE TO NOW HE PR. Pt. 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 EAMURE A. DAVIS

Field Mooufecturing Corp.

AIRCRAFT DEALERS

WE OWN THE AIRCRAFT WE OFFER

...... OFF AW-D & PO TOX 436, MAIN 49, FLA EXECUTIVE AIRCRAFT

manabas foreign and John

JOS. HARRY WEIGHT MAN REPERSON AND EXECUTABLE ASSESSED.

TWE CAN THE ARCEAST WE SELL* PERCETTAY & WINDER MINCOURT

GEORGE E ARRISS ON IN

AMATION WEEK And III. 1955

Executive

. ALLERANG COMPLETELY OVERHALISTS ZELO TIME

A ENGINES "NEW" WHISHT 1996 SC 1950 M F OF F A W 1990 ST . PICTURE WINDOWS, "NEW" BUTTLE TYPE

. ANTI-ICEIS - DEICEIS * JANUTUOL HEATERS

F 6 | 805 | 210 | 67.81 | WARMS | 180-86-81 P. S. SED. 232 DECEMBER AND ADDRESS AND ALL PLANTS.

INSTRUMENT SERVICE SUBANT THIS DATE OF THE

OVERHALL FO APPROVED BITAIN STATION APPROPRIE REPAIR SCAFFOR MENDING ATTATION SERVICE INC

PARTS & SUPPLIES AND THE PERSON NAMED IN

QXYGEN EQUIPMENT TALES & SCREEN CONT. ALIESTED WITH BUILDING /87 AERO A stored Disposes

Leeward AERONAUTICAL P. C. Rev. 2011 POST WATER, INCOME.

LODESTAR

. NAM CRETON INTERIOR

a Alets and LOW Ties son

. DENL FIRE TRITAM

FNGINE WORKS AIRPLANES WANTED Find II Branco Norton 187: 181-Yest Aircraft Co.'s Skyronch

ARC-1, MN62A, R5/ ARN 7, ART-13, APN-9, BC433G MN26C RTA19. ETC .- CONTROL BOXES SHOCK MOUNTS, LOOPS LP21LM LP21A AMPHENOL AN & UG NEW CURRENT OF &

SYLVANIA RECEIVING & TRANSMITTING OHMITE, IRC AND SISTORS

SEARCHLIGHT SECTION

ATTENTION

AIRLINE

PURCHASING

AGENTS

RADIO EQUIPMENT

PARTIAL LISTING

SPEAGUE, AEROVOX. ERIE ASTRON AND SANGAMO CAPACI-

HICKOK, PRECISION WESTON AND TRIP LETT TEST SETS AND A fetter on year stationery will aloce your com-

party on our swifting list. MERRICK AVIATION FLECTRONICS

Servicing the Airlines

AIR TRANSPORT

Airline Business Continues Steady Rise But annual reports pinpoint profit squeeze enused mile of service were at the lowest level

by higher costs; couch and credit plans boost traffic Around Sourcest women of the way across last year for 20% of total nonten's democrac ordinar indicate that super traffic as increase over 21% for torners. With few exceptions, stateties continue to expend arreach to keep

to coach.

• DC7 'Bendwissen'-backened traffic

American America mosts invested of \$114. 776 000 to 7954 on receive mer 1955 way \$192,715,000 Earmore offer to 1954 as the face of a 25% mercan In his message to stockholders and

a polet strike which proceeded the str-DC 6As Delivery of this order will appears that such applicate as the DC ? brear the Assences first to 186 on-American added ness surplemes to an-

Colored Airbox had a profit of 590.provue levels, cannot long by control. Burach T. Dykes,

Trong World

Opportuges last year were affected by

5145,239,000 and interactional prowhole operation expenses increased evolet services to frequent uses of the United operated 11 arcselt or coach 2 6%. Dust executive costs are ten, reduc-

free distance documents letter med by

Entero provided a net second of morney. Economy in 1914 include Eastern offerhated 1964 started

Western

Western Air Lines listed total nevcours. Another is WAL's new II.1% in revenue too make last vene "Charge A.Fheid" plan which offers

Credited to Super Stratocruisers Trans-Atlanta occusion capability of 377 floot to give it moreton combibite

born arranked in the serplane with the . Second was an engine modification North Central prestort resonance upper libers the commuting of the sandlation of the

graduout of lauge units to list your CH.10 turbaneverbarrer which was

Prohesest ended the year with not an

Winters also a pleased with cough difference. Companies) revenue as-Allegheny Allegheny Anlines raports average

> Decreased, 1941 and 502,434 to De. of their Martin 2028's in concept to PAA's Trans-Atlantic Traffic Gains

Lufthonso Resumes Operations

West Commun's Laftiness because on exembles online for the first time mice 1944 or

followed a promote of rainer modifies, must be the Opens has taken marker. Medifications resulted in a net

and General Florence, (AW Dec. 5.

raction and is introcusing Barbs freezen-

North Adieste traffic while corrects with the sheriest soute to Tokyo can too have men 1975. The sountsy its - offer the element server. Northwest's TWA's Damon Predicts Higher Airline Profits

color and recess the our is no

USAF's T34 Counic Part and Whitney 17th conductor 27. 158-000 lb. Landing weight in given at 11.500 lb wash a bridge good of

and General Electric, (AW Dec. 6, CAB Equalizes Pacific Mail Pay 1956, p. 50) these charges were cert. CAB Equalizes Pacific Mail Pay

role and Pos Amenous's fight for the

carriers have the sour site, the our

The CAS only is an attornet to

Tigers Ask Navy To Cut DC-6A Rent

migration upon people in Cildonia

P Robustion Reseas-FTL's been to

seturily is good for 10 to 15 years, and

DC-7 Gear, Boeing Nacelle Check Ordered

let week resulted in Civil Association

What is your accommondation for REA

below the ambiner should be leved ROAC

real April and a final report May 15

Sabena Belman World Arrives se-

BOAC, Sabena, BEA Report Traffic Gain

traffic, up 15%, revenue, up 14% rev

7-Year Certificate Up

For Local Tevas Line

Navarho Nav-Aid Will

Undergo ARDC Test

Chicago's Midway Nation's Busiest Field

Checop's Midway Arment led the na

St Loss, 154,509, Arbeits, 154,276

CAB ORDERS

North Coulted Address a tenomery spbetween Betait City Agort and Willow Eas Agost, Detect Mith.

Northwest Address on recreation to ex-

non to some Halo Haven, and Scholer, Man, on Mar. H., 1995 Intrincing relationships between Will

Air Links Pakistonis Dross, East Printers-Polocus, Inter-

Engines Run Cooler

Spending propiler spiner and esti-free

An order greating Molecule Actions is back on PIA's now arrows between Assess to combine six tourd on

Intrindency solutionships between North

and Pan American World America strand Unted Aw Least complaint agreed a General Services Administration's centure them was not filed on time Application of John W. Willhost and Shok

SHORTLINES

WIM Road Detch Artises has con-New York Alrews is the first school-

by IATA members in eddition to fived-DC7 short NF for a grown read flor set P Pop Assertion World Aircres has not model DC-7s on make the medification,

augretometry survey in Missessta below.

ADVERTISERS IN THIS ISSUE.

ACTION AND DESCRIPTION OF while research had been April Service & Co. Ser. after contact on the contact of the

COAST SELT CONTANT SOLITE STABLE cities the life telephone and accuracy

CHEFFERS INCHESTED A RES CORP. PRITE TROP, DEAD & RECORDS CHAP STREET, STREET, STREET, COMPANY ASSESSMENT THAT AND STREET STREET, THE

section of the lates of A STREET THE THE STREET OF THE effet and of Water

And the last of the same of which the party of the last

service of the later of them a

ANDREAS, AURORAFT ARRIV.

ANT SANT BY SET AND AS THE WALLSTON TO DESCRIPTION PRINTS PROPERTY OF STREET Color West

oldfic file. W. L. Price mer AND DESIGNATION OF THE AND CONSTRUCTION OF THE PERSON

NATIONAL NOTES OFF SPINISHES THEFASE

of the Vergon to

edit and district course PROPERTY AND PERSONS ASSESSED.

STATE STATE OF THE PARTY OF

CONTRACTOR OF THE PARTY OF THE

religions, take reading from

PERSONAL PROPERTY OF

BOOLSON OF SHAPE OF

alfalia contain a co an

MAN PRINCIPAL TOWN A PROPERTY. wheth the present the barren ers THE RESIDENCE OF

THE ORDER WHEN THE VALUE REQUIREMENT SERVICES

one region of AVIATION WEEK Pirese used was channe of oddress, \$1-AVAIDM WEEK Subscription Society







EDITORIAL

Wilson's News Freeze

E. Wilson, Secretary of Defense, with his Month 29 to the steretones of the Army, Navy and Air Force. This is some because Mr. Wilson his long been recogbough to he could then nothing any other inhabition Nobaly, who has had everywhere in Washington.

effective eithern secretly united a more countried scirvities. There is not a single company in the arcenft radrates that has not been penalized at one time or Moneyer, it seems unlikely that Mr. Wilson's direchas been to vertailly freeze the flow of information likely that the only numero from the Protocon will There appear to be those pranciple flave in Mr. Witten's apercoch to Peatagoe public relations ment referrution. This apparently is supply at mying Mr. releases but at as highly inspectical used most privated my aspectance well not keep for three day on one government official's desk Events more too fast for

"The "me" provises sloped on all militure cyclus Defense Denotroest personnel in their public systems Secretary of Defense) shall be related not only to a ranche say technical or substituting violation of security lication of the material would constitute a construction contributes to the orman resource of the Defence an official defeation of what a "constructive contribu-· Replacement of the military poblic information dissoties in each service with those \$14,800s year civilians. This process to be adding an pracecurary link in the sheady complicated chira of exercisization between the military and the public. With low exceptions the chillion amounted to Pentagon public relations take aunot top fight, and they know little of switters officer

There is strong patienties that these you who would

be since meet coletant plans This action also implies that the softers mable inforturon publicity boners. This is hardly the case. Most of them can be easily traced to the doors of too level military and cruban Protector brass and not to official

Any afternot to impose a gag on fall and free de-In the recenting we recommend the secret industry to follow the receious of Pentaren public relations

More California Coverage

William Countills, West Coast editor, who beigh the lous Sect successi.

· It so'll meanthwise the

lished works in Assamos Waxx and its prodeecings. Another response He helds as especially desired Seymour Johnson Field, N. C., and administrator of

resease. He also was expressing editor of Air Trans-

SPERRY DEVELOPS MEGAWATT KLYSTRONS

Super-Power Tubes Open Way















Here are two ELASTIC STOP® nuts.

Each has the finalina red locking collar. Each is self-locking,
vibration-proof and can be reused many times. Each is a fast, readily assembled
one-piece unit . . . will maintain accurate adjustment anywhere on a bolt.

Each will afford positive protection against thread corrosion . . prevent liquid
seepage along bolts. Each is manufactured in quantity. Each is exactly controlled
as to quality of raw material, finished dimensions, class of thread fit, seat squareness and
finish. Each has a record for precision and uniformly high performance that is unmatched.

But... one measures 1:10 inch across the flats; the other, 4 inches. Between these two, there are more than 530 different hex nuts in the ESNA line. They are the result of variations in height, material, finish and size.

Look to ESNA for the top quality self-locking fastener that fits your need best,

ELASTIC STOP NUT CORPORATION OF AMERICA



Elastic Stop Nut Corporation of	A
Dept. N58-425, 2330 Vouxholl Please send the following free fo	Rood, Union, N. J.
ELASTIC STOP nut bulletin	Here is a drawing of our product What self-locking fastener would you suggest?
Nome	Title
Firm	
Street	